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99TH YEAR OF SERVICE

The
Mount Sinai
Hospital

1951

99TH ANNUAL REPORT

The

Mount Sinai

Hospital *of the City of New York*

1951

Act of Incorporation Filed 1852





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*The Mount Sinai Hospital is a member of the
Federation of Jewish Philanthropies of New York,
and a beneficiary of its fund-raising campaigns.
It benefits generously also from yearly grants from
the Greater New York Fund and from
the United Hospital Fund*



TWENTY-EIGHTH STREET BUILDING: 1855-1872

1852 · MILESTONES · 1951

- 1852 The Jews' Hospital in New York is incorporated for "benevolent, charitable and scientific purposes." Sampson Simson is the first President.
- 1855 The new Hospital is opened on May 17th, in a four-story building with 45 beds, at 138 West 28th Street, between Seventh and Eighth Avenues. The original Staff of ten men includes Dr. Valentine Mott and Dr. Willard Parker. In accordance with the usage of the period, there is no separation of Medical and Surgical Services, because surgery is not considered sufficiently important; nor are there any specialized services.
- 1856 In its first full year the Hospital cares for 225 patients. Operating expenses total \$5,493.
- 1862 The Hospital opens its wards to wounded Federal soldiers of the Civil War, installing additional beds and increasing its personnel for the purpose.
- 1866 To make it clear that the Hospital serves the community without distinction of race or religion, its name is changed to The Mount Sinai Hospital.
- 1868 The Ladies' Auxiliary Society is formed to assist in the work of the Hospital.
- 1872 The Hospital is moved into a new 3½-story building with a capacity of 120 beds, on Lexington Avenue from 66th to 67th Streets.

- 1872 The Medical Board and House Staff are organized at a meeting at the home of Dr. Willard Parker, who becomes first Chairman of the Board.
- 1872 The Hospital takes a bold step forward by appointing two women to professional positions—one to the House Staff and the other as Apothecary.
- 1873 The Outdoor Dispensary (Out-Patient Department) is formally established, with four divisions: Medical, Surgical, Gynecological, and Children's.
- 1877 Reflecting the advances in surgery and increase in surgical practice, the Hospital establishes separate in-patient Medical and Surgical Services.
- 1877 An in-patient Gynecological Department is established, headed by Dr. Emil Noeggerath, pioneer in the study of gonorrhea.
- 1878 Creating a precedent among New York hospitals, a separate service for in-patient care of children is established, through a legacy from Michael Reese of California. Dr. Abraham Jacobi heads this department.
- 1879 An Eye and Ear Service is organized, headed by Dr. Emil Gruening, who in 1888 performs one of the early mastoid operations in America.
- 1880 Dr. Arpad G. Gerster, early champion of Listerian surgery, is appointed Attending Surgeon.
- 1881 The School of Nursing is established, one of the country's pioneer nurses' training institutions. There are eight students when the School opens.
- 1883 Dr. Alfred Meyer begins the Hospital's Medical Library and looks after it for more than a decade when a Committee of the Medical Board is appointed to develop it further as the future Abraham Jacobi Library.
- 1883 The Hospital building is enlarged to a capacity of 190 beds, and an isolation building is added. Space for private patients is increased, indicating the emergence of the modern hospital as a medical center for all instead of an institution for the poor only.
- 1883 Dr. Edward Gamaliel Janeway, one of the great diagnosticians of his time, is appointed to the Staff.
- 1886 The Hospital grants its diploma to Dr. Josephine Walter, first woman in America to serve a formal internship.
- 1886 To relieve overcrowding of the Hospital and to care for patients who can be treated at home, a District Medical Service is organized, first of its kind in the city.
- 1890 The Out-Patient Department is greatly expanded, housed in a new building. Neurological, skin, and venereal disease clinics are established.
- 1893 The Laboratory is established, housed in a cloak room "not much larger than a bird's cage."
- 1895 The Genitourinary Service is established, with Dr. William F. Fluhrer as its first chief.

- 1900 The Hospital purchases its first X-ray machine.
- 1901 The cornerstone of the present group of hospital buildings is laid on May 22nd with Mayor Seth Low among the distinguished participants. The original ten buildings have a bed capacity of 456.
- 1904 The new Hospital buildings are dedicated on March 15th.
- 1905 A Department of Dietetics is established.
- 1906 The Social Service is formed, one of the earliest hospital services of this type in the country.
- 1909 An independent Otological Service is established.
- 1910 The Dental Department for in-patients is established—extended to the Out-Patient Department in 1925.
- 1910 The Hospital begins post-graduate medical instruction. Under-graduate medical instruction to students attending two of the city's medical schools had preceded it by several years.
- 1910 Physical Therapy is established as a separate department.
- 1911 The Cystoscopy Room is built and outfitted—enlarged and refitted in 1933.
- 1913 A large building program is initiated. Funds are collected for the Children's Pavilion and Dispensary, Private Pavilion, Laboratory Building, Director's Home, and Employees' Dormitory.
- 1915 Electrocardiography is instituted.
- 1916 Mount Sinai organizes Base Hospital No. 3 of the United States Army Medical Corps. In 1918, 24 physicians, 50 nurses, and 153 enlisted personnel serve with this Unit at Vauclaire, France.
- 1916 The Social Service Auxiliary is formed by women volunteers who attend to many wants of convalescent patients and of patients' families.
- 1917 The Federation for the Support of Jewish Philanthropic Societies is organized, with Mount Sinai as one of its constituents.
- 1919 The Children's Health Class is organized.
- 1920 The Psychiatry Clinic, one of the earliest in a general hospital, is established.
- 1922 The Private Pavilion, the Children's Pavilion, and the Blumenthal Auditorium are opened.
- 1923 The affiliation with the College of Physicians and Surgeons, for post-graduate medical instruction, is placed on a formal basis.
- 1924 The Occupational Therapy Department is established.
- 1924 A Metabolism Clinic is established.

- 1925 A beginning is made toward establishment of an endowment fund for support of medical research, hitherto precariously dependent on occasional donations.
- 1926 The weekly Clinical-Pathological Conferences, regularly attended by several hundred physicians, are expanded with enlarged facilities.
- 1927 The new building of the School of Nursing is completed, accommodating 476 residents.
- 1931 The Consultation Service is established, providing diagnostic service by specialists for patients of moderate means referred by their own physicians.
- 1931 The Semi-Private Pavilion is opened, increasing the capacity of the Hospital to over 800 beds. Group nursing, providing 24-hour nursing care at a much reduced cost, is introduced in this Pavilion.
- 1932 A separate Neurosurgical Service is created.
- 1933 To keep up the morale of convalescent patients, unemployed because of the depression, the Social Service Workroom is established.
- 1933 The Out-Patient Department building is modernized.
- 1934 The *Journal of The Mount Sinai Hospital* is established. It is distributed to universities and medical libraries throughout the world.
- 1935 The Medical and Surgical Pavilions are modernized.
- 1936 The Neustadter Home in Yonkers is affiliated with the Hospital as its institution for convalescents.
- 1936 The Isolation Ward is rebuilt and becomes the first in the city approved by the Department of Health for private patients.
- 1938 The Blood Bank is established under the direction of the Department of Hematology.
- 1939 Radiotherapy is separated from Roentgenology and established as an independent department.
- 1939 An Electroencephalographic Unit is established at the Hospital for use in the diagnosis of intracranial lesions.
- 1940 The Third General Hospital of the United States Army is organized at the invitation of the War Department.
- 1940 The Hospital collects blood plasma for Britain from volunteer donors. At the close of 1944, over sixteen thousand people had volunteered as donors to the Hospital's own Blood Bank.
- 1942 The Third General Hospital of the United States Army is activated and leaves in 1943 for service in North Africa, Italy, and France.
- 1943 Semi-Private facilities are provided for children.
- 1944 The Greater Mount Sinai Development Fund is initiated for a post-war building and research program.

- 1944 Full-time positions are created in the Hospital for a Director of Medical Education and a Director of Clinical Research.
- 1945 The Third General Hospital returns from duty overseas.
- 1945 A separate Psychiatry Service is established and a full-time position is created for a Psychiatrist to the Hospital.
- 1946 Physicians, nurses, employees, and trustees who had served with the Armed Forces numbered nearly 900 before the end of hostilities.
- 1947 A separate Psychiatric Ward is opened.
- 1948 Greater Mount Sinai Hospital Development building program is initiated. Ground broken for three buildings — the Maternity Pavilion, the Central Laboratory Building and the Berg Institute of Research, and work is begun on central kitchens.
- 1949 The Hospital appoints its first full-time Chief of Pediatrics and a new Pediatric Laboratory is built with funds of the Dorothy H. and Lewis Rosenstiel Foundation.
- 1950 The Board of Trustees creates the position of full-time surgeon and full-time neuropathologist.
- 1951 Exterior construction is completed of the Maternity Pavilion, Atran Laboratory and Berg Institute of Research.

STATISTICAL SUMMARY

Year	Patients Treated in Hospital	Hospital Days	Consultations in Out-Patient Department †	Total Disburse- ments for All Maintenance and Non-Budgetary Purposes (Non-Capital)
1857.....	216	6,048*	None	\$9,000.00
1860.....	297	8,316*	None	14,000.00
1870.....	663	18,564*	None	20,000.00
1880.....	1,474	43,164	9,922	44,376.10
1890.....	2,862	65,255	43,560	100,000.00
1900.....	3,145	75,113	86,431	135,272.00
1910.....	7,613	149,198	115,726	410,000.00
1920.....	9,548	146,841	173,682	899,704.97
1930.....	12,179	193,482	222,489	1,785,244.23
1940.....	17,275	236,851	357,567	2,398,595.02
1950.....	15,257	229,808	236,185	5,528,873.40
1951.....	15,456	226,765	207,338	6,374,871.49

* Estimated.

† Does not include visits to the Emergency Department or to the Consultation Service.

STATISTICS

*For the Year Ended December 31, 1951
And the Year Ended December 31, 1950*

HOSPITAL PATIENTS—GENERAL WARDS AND PRIVATE ROOMS

	1951	1950
Patients in Hospital at beginning of year ¹	533	603
Patients admitted during year ²	14,923	14,654
Total number of patients treated in Hospital during year (Emergency Ward not included).....	15,456	15,257
Remaining in Hospital at end of year ¹	553	533
Patients treated in Emergency Room (not admitted) ³	35,305	38,997
Total number of patients admitted since the Hospital was founded	635,341	620,419
Patients discharged during year ²	14,903	14,724
Patients died during year.....	647	682
Average number of patients per day.....	621	630
Average Hospital days per patient.....	14.7	15.1
Mortality Rate for the year (all deaths including those which occurred on day of admission).....	4.3%	4.6%

Distribution of days of Hospital care for the years:

	1951		1950	
	No. of Days	%	No. of Days	%
General Wards—free to patients.....	56,620	24.97	56,730	24.69
General Wards—part free to patients.....	73,897	32.59	75,828	33.00
Semi-Private Pavilion patients.....	50,797	22.40	51,074	22.22
Private Pavilion patients.....	45,451	20.04	46,176	20.09
Total	226,765		229,808	
Maintenance Days (patients and em- ployees included)	681,044		682,721	

¹ Midnight Census

² Excludes internal transfers between Private, Semi-Private and Ward Services

³ Includes emergency dental treatments reported also in Dental Department Statistics

Percentage of total number of patients
treated in various divisions:

	1951		1950	
	<i>Patients Treated</i>	<i>%</i>	<i>Patients Treated</i>	<i>%</i>
General Wards	7,293	46.40	7,560	48.51
Semi-Private Rooms	4,464	28.40	4,461	28.62
Private Rooms	3,962	25.20	3,564	22.87
Total	15,719		15,585	

Disposition of applications received during the year:	1951	1950
Admitted to General Wards as free to patients ⁴	5,775	5,815
Admitted to General Wards as part free to patients ⁴	1,226	1,397
Admitted to Semi-Private Rooms at rate below cost ⁴	4,327	4,323
Admitted to Private Rooms ⁴	3,858	3,447
Not admitted for various reasons (ward applications) ..	1,904	1,950
Total Applications	17,090	16,932

OUT-PATIENT DEPARTMENT STATISTICS

	1951	1950
Total visits ⁵	242,643	275,182
Total prescriptions	161,819	172,272
Patients new in year.....	6,974	7,810
Patients from past years.....	15,651	13,825
Total individuals	22,625	21,635
Out-Patient Department days.....	294	298
Daily average prescriptions.....	550	570
Daily average consultations.....	825	923
Average daily attendance of physicians.....	143	156
Average daily attendance of nurses.....	26	26
Maximum consultations on any one day.....	958	979
Maximum prescriptions on any one day.....	886	996

⁴ Not adjusted for 263 internal transfers (1951) and 328 internal transfers (1950) between Private, Semi-Private and Ward Services

⁵ Includes emergency visits by out-patients to Accident and Emergency Room.

DEPARTMENT OF LABORATORIES

EXAMINATIONS

	1951	1950
Bacteriology	31,590	33,660
Surgical Pathology and Morbid Anatomy:		
Examinations of operative specimens.....	8,278	8,171
Post mortem examinations.....	322	322
Chemistry	27,099 *	28,760
Clinical Microscopy and Hematology.....	144,077	156,694
Endocrinology	407	454
Blood Bank	43,520	40,143
Volunteer donors	5,203	7,504
Transfusions given with stored blood.....	8,871	9,407

* Number of Specimens. Actual number of examinations for period
July 1–December 31, 1951 was 30,052.

LABORATORY FOR BASAL METABOLISM

(Hospital Laboratory) ⁶

Total number of examinations.....	694	723
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DEPARTMENT OF RADIOLOGY

Radiography:		
Number of examinations.....	40,127	43,569
Number of films taken.....	124,893	117,827
Number of fluoroscopic examinations.....	6,170	7,836

RADIOTHERAPY DEPARTMENT

New cases	343	501
Treatments:		
Radiotherapy	7,762	8,233
Radium	68	58
Total	7,830	8,291
Number of examinations	4,216	4,189
Total number of visits ⁷ ...	12,046	12,480

DEPARTMENT OF PHYSICAL MEDICINE

(Hospital and Out-Patient Department)

Total number of treatments for year.....	50,311	53,477
--	--------	--------

⁶ OPD examinations reported in OPD statistics.

⁷ Includes 8,358 visits in 1951 and 8,457 visits in 1950 which are reported in OPD consultations.

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Hospital and Out-Patient Department)

	1951	1950
Total number of visits ⁸	11,295	12,784
Total number of treatments	16,526	14,341
Maximum number of visits on any one day	106	87

ELECTROCARDIOGRAPHY LABORATORY

Total number of examinations	8,553	12,254
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ELECTROENCEPHALOGRAPHY LABORATORY

Electroencephalograms	1,207	1,160
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CONSULTATION SERVICE

Patients admitted	2,866	3,389
Referring doctors	1,710	1,876

FOLLOW-UP CLINICS

	No. of Clinic Sessions	No. of Appointments		Cases Closed	Referred for Further Treatments	Referred for Re-Ad- mission
		Given	Kept			
1951....	362	12,271	7,185	589	1,415	236
1950....	361	14,190	8,728	723	1,360	301

OCCUPATIONAL THERAPY DEPARTMENT

Visits to shop and bedside visits:	1951	1950
Functional visits	669	798
Diversional visits	6,838	6,565
Total visits	7,507	7,363
New patients treated	289	482

⁸ Includes emergency ward visits.

THE REPORT OF THE PRESIDENT

ON January 16, 1852 the Hospital began its corporate existence; thus, this report marks the conclusion of a century of service and progress. It is my purpose, before recording the happenings of the last year of that century, to pay homage to the forward-looking, charitable individuals who signed the papers of incorporation, supplied funds so that a start could be made, and provided the energy for carrying the project to completion. Also, I pay homage to the professional and lay men and women who, in the ensuing generations, carried forward the progress of the Hospital to its present stature.

In its first year, the Hospital occupied a four-story building of 45 beds and served 216 patients. Last year, it operated 21 large buildings covering three square city blocks and gave over 226,000 days-care to inpatients and over 207,000 treatments to outpatients. Add to this the fact that the Hospital has trained thousands of physicians, many of whom reached the pinnacle of professional reputation and success, and that from its laboratories have flowed innumerable contributions to the advancement of medical science for the benefit of humanity, and only then does the full accomplishment become apparent.

Accounting for this matchless progress were many contributing causes, the most distinctive being, in my opinion, that the Hospital had its origin as a purely charitable enterprise caring for the indigent sick, and has never altered or compromised that nobility of purpose.

In its first year, the Hospital maintained only ward beds, and even today, despite phenomenal growth, approximately five-eighths of its total capacity is ward beds. Ward patients are the only patients in the Hospital cared for solely by the Hospital's medical and nursing staffs. It is their cases that supply the data for clinical conferences and their illnesses that are utilized by senior physicians to instruct junior staff members. Thus, interns, residents and the junior members of the attending staffs are enabled to observe the analytical thinking and methods of the seniors and gradually, as they become qualified, to assume under the guidance of the seniors greater and greater responsibility in the care of patients. Here also the juniors receive the stimulus toward independent scientific investigation into the causes of and cures for new, unusual or rare conditions, or conditions otherwise defying cure.

The outstanding physicians who, generation after generation, served the Hospital and the other scientists who similarly contributed to the progress of medicine, have enjoyed the educational and research facilities afforded by so large a percentage of ward patients. It was also the innately charitable impulses of New York's Jews that enabled the Hospital and its physicians to support these vast services, and to construct and equip the buildings and facilities to meet changing, progressive needs.

SINCE it is the achievements of the personnel that add lustre to the institution, it should certainly be in order to summarize some of the important developments of the last year:

Thirteen sarcoidosis patients (a disease of the connective tissues) were treated with cortisone, which succeeded in remitting the symptoms of the disease. Cessation of treatment usually resulted in relapse, however. This was the first time that any treatment caused improvement of this condition, so it may be hoped that a start has been made toward evolving a cure. These studies are being continued.

The U. S. Atomic Energy Commission entered into a contract with the Hospital under which the Physics Laboratory was employed to investigate possible radioactive contamination in street sewers. Since eliminations from patients treated with radioactive isotopes and possible other waste radioactive materials pass into sewers, such a study was deemed necessary. The work of the Physics Laboratory staff contributed to the formulation of the official "Recommendations for Waste Disposal of I-131 and P-32 by Medical Users" which was published by the National Committee on Radiation Protection.

A disease called systemic lupus erythematosus has been under study at the Hospital. Examinations of cells and tissues from patients suffering from the disease disclosed evidence of a bodily loss of a type of tissue protein called nucleo-protein and its appearance in the circulation. Post-mortem observations suggested that the investigation of living patients might lead to a better knowledge of this puzzling disease. With the use of ACTH and cortisone, the acute symptoms were brought under control and most patients were rehabilitated to the point where they could return to their normal activities, although to date there is no evidence that the pathologic process is actually cured. If it will be possible to control the acute manifestations of this illness indefinitely with the use of maintenance dosages of either ACTH or cortisone, it would represent a very important step in the management of this and related diseases. On the basis of the studies so far made it seems likely that this may be accomplished.

A new virus was discovered which, when induced into mice, produces very severe encephalitis, accompanied by the production of cytoplasmic inclusion bodies in the affected cells of the brain. The virus, isolated from the stool of a sick newborn infant, may be a causative agent of epidemic diarrhea of the newborn.

Another series of experiments demonstrated a shift of water from within the body cells into the extracellular fluid during the acute phase of poliomyelitis in monkeys and in human beings. This finding has important implications regarding the treatment of the disease. It was reported that cortisone produces an extraordinary enhancement of experimental poliomyelitis; thus, for the first time, the existence is demonstrated of a significant relation between the adrenocortical function and a predisposition to poliomyelitis. A large-scale research project was initiated into the many aspects of this new approach, such as the relative invasion by parenteral routes, the increased multiplication of the virus, the adaptation to new hosts, the modes of transmission, the mechanism of the action of cortisone, and the search for factors capable of reversing the enhancing effect of cortisone.

Researchers in the Gastroenterology Laboratory have found that at least two organic compounds are capable of interfering with the intracellular enzyme in the acid-forming cells of the stomach called carbonic anhydrase. This gives promise of a medical therapy for ulcer diseases by the elimination of the primary ulcerating agent, hydrochloric acid, with no harmful side effects.

Observations were made on the hereditary disturbance of lipid (fat) metabolism as the common denominator for most patients suffering from early coronary artery disease. Intensive studies of these abnormalities revealed an increase of organic compounds called cholesterol esters in the bloodstream during pro-

CHRONOLOGY OF EVENTS

- FEB. 5—To conform to needs indicated by census trends in the Hospital, a decision is made to convert to semi-private use 18 beds in rooms adjacent to the wards.
- MARCH 19—A sum of nearly \$500,000 is voted for the purchase of supplies and equipment for the new Maternity Pavilion.
- APRIL 30—Creation of the new position of Associate Chemist is recommended to the Board of Trustees.
- JUNE 4—The Executive Committee authorizes institution of a multiple nursing program for the Private and Semi-Private Pavilions.
- JUNE 4—The Building Committee approves immediate construction of a central employees' facility, with locker rooms, shower baths, etc.
- JULY 9—Appointment is authorized of a full-time assistant to the Director of Medical Research.
- JULY 30—Authorization is given for construction of a gastro enterology laboratory in the new laboratory building at an additional cost of about \$100,000.
- AUG. 27—The Executive Committee recommends that the Private Pavilion, while undergoing general alterations, be refurnished and redecorated.

longed therapy with cortisone or ACTH. This finding appears to be important because of the possible development of premature diseases of the arteries characterized by patches in the linings of those vessels as a result of a sustained hypercholesteremia.

The use of ACTH and cortisone proved of value in the treatment of non-tropical sprue (diarrhea) which resists accepted forms of therapy.

I am pleased to announce the following advancements in rank and new appointments to the professional staffs made during the year:

Dr. Israel Wechsler was elevated to Consulting Neurologist; Dr. Ernest P. Boas, to Consulting Physician; Dr. Samuel Silbert, to Consulting Surgeon for Peripheral Vascular Disease; Dr. Joseph H. Globus, Consulting Neuropathologist; and Dr. Nathan Rosenthal, Consulting Hematologist.

To fill the resulting vacancies and also one created the preceding year by the elevation of Dr. Ira Cohen to Consulting Neurosurgeon, the following promotions and new appointments were made: Dr. Leo M. Davidoff was appointed Neurosurgeon to the Hospital and Dr. Morris B. Bender, Neurologist to the Hospital. Dr. Irwin H. Feigen was appointed full-time Associate Neuropathologist.

Other appointments: Dr. Paul Goolker, Associate Psychiatrist; Dr. Joan J. Lipsay, Associate Radiologist; Dr. Richard H. Marshak, Associate Radiologist; Dr. William Merrit, Associate Radiologist; Dr. Aaron R. Goldberg, (Ph.D.) full-time Associate Chemist; Dr. Max Ellenberg, Adjunct Physician; Dr. Irving J. Selikoff, Adjunct Physician for Thoracic Disease; Dr. Leon D. Star, Adjunct Surgeon; Dr. Joseph A. Epstein and Dr. Emanuel H. Feiring, Adjunct Neurosurgeons; Dr. Louis S. Lapid, Adjunct Gynecologist; Dr. Joseph M. Silagy, Adjunct Urologist; Dr. Milton J. H. Grand, Adjunct Pediatrician; Dr.

Laurence L. Palitz, Adjunct Dermatologist; Dr. Max Chamlin, Adjunct Ophthalmic Surgeon for Special Service; Dr. Edward D. Joseph, Dr. Samuel R. Rosen and Dr. Victor H. Rosen, Adjunct Psychiatrists; Dr. Milton Robbins, Adjunct Radiologist; and Dr. Milton Schwartz, Adjunct Dentist.

With the sincere regret of the staff and Board of Trustees, I record the death of Dr. Jacob L. Maybaum. Dr. Maybaum, at the time of his unfortunate death, was serving the Hospital as Consulting Otologist, and had given over 40 years of distinguished service in his chosen specialty. He will long be remembered as a teacher, physician, co-worker and friend.

With similar regret, but happily ameliorated by the knowledge that the cause was merely a wish to lighten his responsibilities, the resignation of Dr. Richard M. Brickner, an Associate Neurologist, is noted. As a result of illness, Dr. Brickner felt that his future health required him to withdraw from the Staff of the Hospital. All join in the hope that he may enjoy many useful and pleasant years to come.

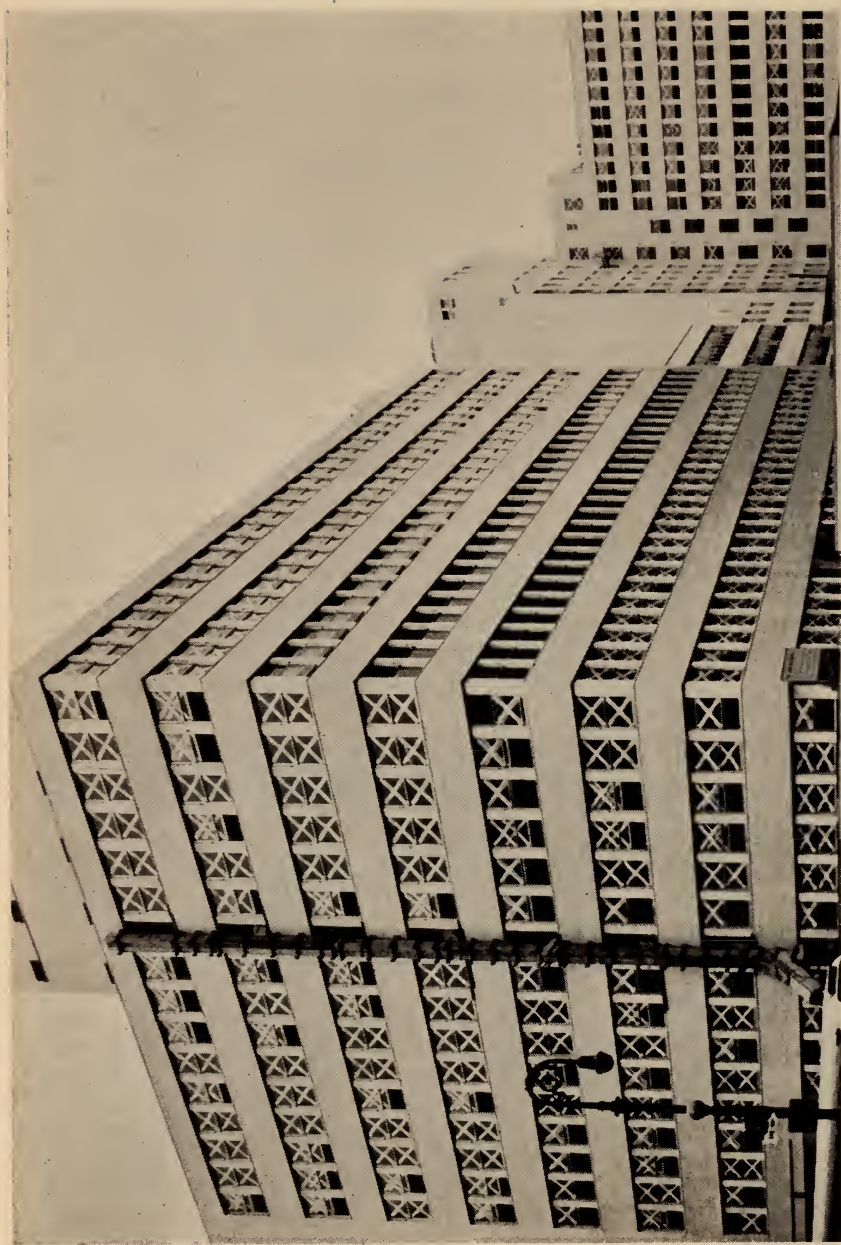
Due to duties and obligations outside the Hospital, Mr. Leo Gottlieb asked to be permitted to resign as a Vice President of the Hospital, although remaining as a Trustee.

At the same time, because of the anticipated expansion of the Hospital and of its services, it was believed wise to increase the number of its executive officers and of its administrative staff. Accordingly, Mr. George Lee, who in 1948 had resigned as a Vice President, was re-elected to that office and Mrs. Roger W. Straus and Mr. James Felt were added as Vice Presidents. All three of the newly-elected Vice Presidents had served the Hospital ably and loyally for a number of years and, being thoroughly informed of its needs and activities, greatly strengthened the executive group.

Mr. Nelson I. Asiel, having completed more than 30 years of service as a Trustee, 16 of them as Treasurer, asked to be relieved of further active service. His resignation was accepted with deep regret and immediately thereafter he was elected an Honorary Trustee.

Mrs. Alfred A. Cook, who had ably served as President of the Social Service Auxiliary for almost 35 years, asked that she be not re-elected. She had served in that office and as a Trustee of the Hospital since 1917, and was the first woman elected to the Board of Trustees. With deep gratitude to Mrs. Cook for her distinguished services, the Social Service Auxiliary elected her Honorary President and elected Mrs. Walter A. Hirsch as her successor. Mrs. Hirsch has for many years liberally contributed of her time and effort to the Hospital both as a member of the Social Service Auxiliary and as a Trustee. She is also President of the Neustadter Foundation, the convalescent home affiliated with the Hospital. Obviously, Mrs. Hirsch brings much experience and ability to her new office.

Like Mrs. Cook, Mrs. Myron I. Borg, who had served as Vice President, and Mrs. Henry S. Glazier, who had served as Treasurer of the Social Service Auxiliary during all the years of Mrs. Cook's presidency, asked that they be not re-elected to office. There were, fortunately, ladies with length of service, ability and loyalty available to succeed them. The new officers of the Auxiliary are,



COMPLETED EXTERIORS OF NEW BUILDINGS. ATRAN LABORATORY (FOREGROUND), L-SHAPED MATERNITY PAVILION, AND SMALLER BERG LABORATORY

in addition to Mrs. Hirsch, Mrs. Robert M. Benjamin, Vice President; Mrs. Jack Aron, Treasurer; and Mrs. Edward J. Rosenwald, Secretary.

The Administrative Staff was reorganized under Dr. Martin R. Steinberg, the Hospital Director, following the resignation, after five years of service, of Dr. Julien Priver, Associate Director, who left to become Executive Director of a new hospital in Detroit. It is, in a sense, a source of satisfaction that in the field of administration, as well as in the professional and scientific areas, Mount Sinai is able to furnish leadership across the country. Dr. Priver was succeeded as Associate Director by Dr. Sidney M. Samis, Assistant Director, whose position was filled by the appointment of Dr. Jack Ruthberg. Dr. Steinberg's executive astuteness, coupled with the breadth of his understanding of health and hospital problems is a source of enormous reliance in this time of ferment and growth.

The year generally moved the Hospital into a period of greater tasks and greater responsibilities. With the new buildings approaching completion and all the plans for converting them and their facilities to the highest possible level of usefulness to the community placing new burdens on all of us, I am more keenly aware than ever of those whose contributions in time, effort, loyalty and financial support have become indispensable to the Hospital.

Our reliance on the Federation of Jewish Philanthropies is known to all friends of the Hospital, yet we must make note of it lest it be taken for granted. To Federation, the United Hospital Fund, the Greater New York Fund, the Associated Hospital Service, the City of New York and to all the generous foundations, individuals and institutions that helped support the charitable work in our wards and clinics and our scientific work in the laboratories, I extend for the Hospital my deepest gratitude.

I am equally appreciative of the services rendered by the Medical Board, the Administrative Staff, the School and Department of Nursing, the Neustadter Foundation, Social Service, the Laboratory Departments and all of their staff and personnel who are, each in their own sphere, responsible for doing a magnificent job for the Hospital. Under the selfless leadership of the members of the Board of Trustees, it is they who, in collaboration with our generous benefactors, determine the extent and character of the Hospital's achievements.

ALFRED L. ROSE,
President

THE PROFESSIONAL SERVICES

MEDICAL SERVICES

FIRST SERVICE

A NUMBER of significant administrative changes were made in the operation of the Service during the year. These were designed to maintain the high standards of patient care by application of new methods of diagnosis and treatment recently developed in this Hospital and elsewhere, to increase the opportunities for further training of the younger members of the staff, and to increase the effectiveness of the diverse research activities carried on within the Department of Medicine and in conjunction with other departments.

To help bring this program to fruition, weekly conferences of the entire staff were instituted and served as a stimulating and unifying forum for exchange of ideas and more effective planning. Members of other clinical services and of the laboratory and ancillary services participated in the conferences in a general effort to coordinate overlapping activities. For coordination of certain fields, for example, clinical and experimental cancer research, the Medical Services acquired new specially trained personnel to collaborate with existing agencies.

To continue the formal clinical training of young men who have completed residencies and embarked upon research programs, often of many years duration, as many of them as possible were invited to participate in ward rounds for a month or two of the year, so as to bring together different talents and interests. Selected members of the Out-Patient Department were also afforded this opportunity. The program has been conspicuously successful and will be continued.

In recognition of the increasing importance of research in the support and growth of clinical medicine, the Hospital has undertaken to provide greatly expanded facilities for both basic and applied investigation. These facilities are not yet available, so the major effort in the past year was in the direction of better definition and greater coordination of research activities. Many conferences were held to advise in the planning and integration of research projects. Wherever possible, investigative teams were formed to absorb individual, sometimes overlapping activities, and the further training of investigators, whether within the Hospital or in laboratories elsewhere, was directed towards such collaborative work. Exchange of ideas and results was stimulated by conferences and by formalized research meetings organized and conducted by the investigators themselves.

The research efforts of the Staff were productive in varied fields, encompassing both basic and applied aspects of clinical investigation.

The more basic projects, carried out in various divisions, included the following: distribution of water and electrolytes in extra-cellular fluid, as measured by inulin space, in normal and abnormal states; relation of water and salt retention in tissues to expansion of the ground substance; effects of carbonic anhydrase inhibition on renal excretion of water and electrolytes; mechanisms of discrete renal functions in health and certain diseases; mechanisms of antidiuresis; oxi-

metric estimation of circulation time in intra-cardiac shunts; analysis by vector cardiography of pathways of excitation in normal and abnormal cardiac states; analysis of the genesis of certain cardiac murmurs by electrokymography; ultra-structure of the myocardium as revealed by the electron microscope; chromatographic separation of allergens in pollens; turnover rates of plasma iron, determined by radioactive iron, as a measure of erythropoiesis; enzyme mechanisms operating in bone formation; estimation of the rate of biosynthesis of urate by use of N^{15} -labeled glycine. These examples illustrate the diversity of significant basic problems which can be attacked rewardingly by the medical staff if given opportunity, cooperation and support.

The major research effort was, of course, directed toward the study of disease states, their causes, natural history and management. A long term, fairly large-scale investigation of the effectiveness of cortisone in sarcoidosis indicated that this form of treatment usually induces marked remission which may continue for long periods after cessation of therapy. Cortisone and ACTH were also found effective in many otherwise refractory cases of sprue, according to studies by the Nutrition Group which also continued its inquiries into the genetics of hypercholesterolemia and the development of induced hypercholesterolemia by protracted administration of ACTH.

The long-term study of the suppressive effects of ACTH and cortisone in a large series of cases of disseminated lupus erythematosus continued to be productive not only as a guide to management of this disorder but also in expanding our knowledge of the course of the disease.

The causes of failure in the treatment of subacute bacterial endocarditis with the usual antibiotics were analyzed in a large group of cases and the results of therapy with newer antibiotics were reported.

Intra-arterial injection of Priscoline, a new form of treatment of osteoarthritis, was found to give prolonged palliation in some cases. A careful study, which may lead to improved regulation, was made of the role of antidiuretic principles in water and electrolyte retention in liver disease.

The experience at this Hospital with dicumarolization for acute myocardial infarction was evaluated. The usefulness and limitations of Banthine and ACTH in the management of peptic ulcer and ulcerative colitis were investigated. Benemid was introduced as a potent uricosuric agent in the prevention and treatment of tophaceous deposits in chronic gout and it was shown that disabling tophi can be made to disappear by protracted use of Benemid and other uricosuric agents.

The Cardiovascular Research Group continued to be active, carrying out 45 cardiac catheterizations and related techniques in the year. The results in congenital malformations of the heart appeared in the form of a symposium in the *Journal of the Mount Sinai Hospital*.

Reports of the Cardiologic Laboratory and the Endocrinology Research Group elsewhere in this issue indicate their continuing productivity. The Endocrinology Research Group collaborated in preparation of an extensive work on diseases of the endocrine glands which appeared during the year. A volume on the treatment of asthma was compiled by the Allergy Group. A monograph on vector cardiography is in press.

An effort was made to initiate new coordinated clinical research programs. One such, on the effects of bed rest, rice diet, drugs and sympathectomy on the peripheral (digital and hallucal) vascular resistance in hypertension, was organized in collaboration with the Columbia Research Service, Goldwater Memorial Hospital. Another, on myasthenia gravis, was initiated in a new clinic established for the purpose.

SECOND SERVICE

The pleasant cooperation and cohesiveness that traditionally characterizes the personal relationship between senior and junior staff members of the Service obtained again.

Studies were continued on the diagnosis and treatment of thyroid diseases with the help of radioactive iodine. The blood levels of radioactive iodine after injection of tracer doses were studied and were proved to have considerable diagnostic value. A new method for the examination of protein bound iodine in the blood was adapted for clinical use.

The role of the central nervous system in the production of central liver necrosis by shock was studied by newly devised methods.

The influence of aureomycin and other antibiotics on the course of amebiasis was studied in detail and it was shown that aureomycin not only kills the anaerobic intestinal flora on which the amebae feed but also has direct amebicidal action.

The mucoprotein content of the serum was studied with an improved method and the results appeared to be of considerable importance for clinical diagnosis.

Contributions were made toward the better knowledge of congenital heart diseases. Intensive studies of electrocardiographic methods proved the importance of correlating spatial vector cardiography to intracardiac electrocardiography.

The diamidine studies were continued. A specific biological competition between diamidines and arginine was demonstrated. A new diamidine derivative was developed which proved to influence favorably Brazilian leishmaniasis and North American blastomycosis.

Clinical and metabolic studies were pursued on the differential diagnosis of diseases of the skeleton.

Members of the service represented the Hospital at medical conventions and conferences throughout the United States.

Medical Education

Postgraduate courses across the nation were suffering war-time conditions last year. Nevertheless, at Mount Sinai, 71 postgraduate courses were attended by 292 students, who came from 18 states of the Union, Israel, China, and six South American countries. Several new courses were offered; others which did not attract sufficient students were dropped.

The two Welch lectures, the Janeway lecture, the Bela Schick lecture, and the Friesner lecture were given by distinguished speakers. Dr. Eli Moschowitz arranged another interesting series of lectures on Recent Advances in Surgery, six of which were given during the year. A new series was begun on Recent Advances in Psychosomatic Medicine.

It is a special pleasure to mention the tireless efforts of our Registrar for Medi-

cal Instruction, and her able assistants who were most helpful in the arrangements of the Postgraduate Program.

The Hospital again participated in the Annual Graduate Fortnight of the New York Academy of Medicine. The Fortnight was devoted to "Disorders of the Circulatory System." The Hospital offered programs of clinics on "Newer Techniques in Cardiovascular Diagnosis" and "Symposium on Congenital Heart Disease."

The Women's Medical Society of New York held its mid-year meeting at the Hospital.

The Hospital's Jacobi Library continued to extend its areas of usefulness. Special library funds like the Murray Bass Fund, the I. C. Rubin Fund, and the Florence J. Mendelsohn Fund were of great help. The same was true for the yearly contribution by the Alumni Association. Not only has the number of physicians in and out of the Hospital who use the Library increased year by year, but the Library has become an important factor in the Hospital's Educational Program generally. Thanks are due for the skillful efforts of our Librarian and her staff.

Dedication of a special issue of the *Journal of the Mount Sinai Hospital* in the memory of the late Dr. A. A. Berg took place in the Blumenthal Auditorium on March 12.

The Departmental conferences, grand rounds and Clinical-Pathological Conferences, held at the Hospital and open to outside physicians, attracted increasingly large audiences.

The Intern and Resident Program encountered some difficulties because of the needs of the Armed Forces. In December, the House Staff had 24 interns, 76 assistant residents and residents, and 20 fellows and postgraduate students. They included physicians from Israel, Puerto Rico, Mexico, China, Canada, France, Portugal, India and the Netherlands. Special educational programs were established for the House Staff. It is a privilege to be able to praise the knowledge, cooperation and industry and excellent professional behavior of the entire House Staff.

SURGICAL SERVICES

SURGERY A

During the year, the work on gastric and pancreatic function following radical esophagectomy for cancer was completed by two members of the Service. The unusual findings of this study are concerned with the bizarre physiological effects of radical vagectomy during the course of the operation of resection of the esophagus. Another significant investigative project completed was a series of animal experiments on the homeostatic effects of toxins in cross-circulation operations.

The study of the long-term results of the surgical therapy of ileitis was completed and presented before the American Gastroenterological Association. The nationwide interest in this study is indicative of its importance. The medical profession has come to associate Mount Sinai Hospital with this disease partly because it was originally described by a group of physicians on the Hospital staff.



A SCENE IN THE PSYCHIATRIC WARD

In the therapy of ulcerative colitis, a study was made of the exact role that psychiatry should play in those patients selected for surgical treatment.

The major efforts on the Service during the year were directed towards cancer of the gastrointestinal tract.

SURGERY B

The Thoracic Surgery Group undertook the study of a number of new problems in the past year. Original observations were made in cases of lipoma of the lung and of the bronchus. The role of pulmonary decortication in civilian practice, and especially following idiopathic spontaneous hemopneumothorax, was investigated. Observations were made on the value of surgical extirpation in cases of primary localized lymphoma of the mediastinum and of pneumonectomy in primary localized lymphoma of the lung.

Further studies were made regarding the causes of death following all types of surgical operation. Observations were made in cases of extensive phlebothrombosis of the lower extremities treated by ligation of the inferior vena cava and also by ligation of the common femoral vein. Additional data were gathered relating to the value of bilateral thoracolumbar sympathectomy in cases of advanced malignant hypertension.

Observations also were made in primary idiopathic segmental hemorrhagic infarction of the greater omentum. A group of unusual adenomas of the bronchus, visible on bronchoscopy and also on x-ray examination, was described. Observations were made on the effects of unilateral hypertension of the renal vein secondary to lienorenal anastomosis.

A close liaison was effected between the Peripheral Vascular Disease Clinic and the Inpatient Surgical Service. An Inpatient Peripheral Vascular Group was formed and attached to the Surgical B Service. This arrangement has facilitated the admission of suitable cases of peripheral vascular disease, from the OPD to the Hospital, for diagnosis, clinical research and treatment.

The arterial infusion of various drugs, developed originally in our laboratory as an experimental procedure, has become an accepted, practical therapeutic measure.

Laboratory studies concerning the intra-arterial infusion of additional drugs were continued. Experimental studies of the application of artificially-produced arteriovenous fistulae, in cases of peripheral gangrene, were carried out. Further work dealing with exclusion of the heart was undertaken and a new apparatus is about ready for trial. One experimental project dealt with determining the feasibility of replacing the aorta with segments of the inferior vena cava. Other projects were concerned with attempts to develop a technique for autotransplantation of the kidney and with a new method of surgical approach to the mitral valve which was perfected in animals and is ready for trial in humans.

SURGERY C

A statistical analysis of all cases of gastric carcinoma admitted to the surgical service for a ten-year period was completed. A comparison was made of the results obtained in duodenal ulcer by subtotal gastrectomy with and without vagotomy over a five-year period. A ten-year review of the results obtained by

various operative procedures for gastrojejunal ulcer following gastroenterostomy and subtotal gastrectomy was submitted for publication.

An assay was undertaken of the operation of gastroenterostomy with and without vagotomy in poor risk patients with duodenal ulcer. Cases of melanoma of the small intestine and stomach were analyzed. A study of gastric polyps of the stomach in ninety cases was published, as was an analysis of cases of persistent or recurrent ileitis following surgery. A ten-year study of the results of the conservative management of gastric hemorrhage in gastric and duodenal ulcers was completed, along with an experimental investigation of the effect of subtotal gastrectomy on pancreatic secretion in dogs.

Further studies were made of pancreatic function and the use of the secretion test in the diagnosis of tumors in and about the pancreas, as well as of the effect of vagisection and vagal stimulation on pancreatic secretion, and the role of alcohol in the etiology of pancreatitis.

ANESTHESIOLOGY

The Department administered a total of 9,292 anesthetics, an increase of 2.4 per cent over 1950.

Continued emphasis was directed toward the resident training program, particularly the formal and didactic modalities, which included lectures, seminars, journal clubs, assigned readings and departmental meetings. These efforts were rewarded by the American Medical Association with a full approval of a second year of residency.

There were significant additions to departmental equipment. A direct writer was added to the Department's cardio-tachoscope, thus enabling the anesthesiologist to record important electrocardiographic effects during anesthesia and surgical manipulations. The Department developed an electric shock machine for the treatment of ventricular fibrillation, with the aid of the Physicist to the Hospital. A portable resuscitator was purchased for general hospital use.

The Department presented scientific reports in the literature on cranial nerve palsy following spinal anesthesia, the electrocardiographic effects of intravenous neostigmine during cyclopropane anesthesia and the aforementioned electric shock machine for ventricular defibrillation.

DENTAL AND ORAL SURGERY

The inpatient department quarters were rebuilt and reequipped as model oral surgery operating rooms.

Weekly seminars in oral pathology and oral surgery continued to attract many visitors. Symposiums on lesions of the mouth and jaws and early detection of oral cancer were presented by staff members before a number of dental organizations.

The Hospital was designated by the State Department of Health as a cleft palate rehabilitation and training center. Under this arrangement, the cleft palate patient is studied and treated by representatives of the Dental and Oral Surgery, Pediatrics, Plastic Surgery, and Psychiatric Services, and methods are being developed to afford graduate training in this field.

A new Children's Dentistry Clinic was opened for the specialized study of oral problems in the pre-adolescent. Previous studies in facial growth factors, and in pathogenetic patterns of dental cysts were continued and extended.

New investigations included measurements of the efficiency of local anesthetics, comparison of antibiotics values in the treatment of infections of the jaws, and observations on the reaction of alveolar bone to tantalum implants.

The role of the dentist in routine physical examinations was demonstrated in a mass disease detection survey comprising about 11,000 patients.

DERMATOLOGY

A fruitful activity during the year was the monthly dermatopathologic conference. The enlargement of our photographic and projection equipment proved to be of great teaching value at the monthly dermatologic conference. We continued to hold a series of symposia on timely dermatologic subjects as part of the dermatologic conferences. Publications by staff members included seven papers in various specialty journals and a text book.

GYNECOLOGY

The Service had 623 admissions and 506 operations, including 202 major abdominal ones, 125 major vaginal, and 179 curettages and minor vaginal operations.

Staff members presented papers and participated in exhibits at meetings in the city and away. Among the publications were 11 papers in specialty journals on clinical, animal and laboratory investigations.

Clinical and laboratory research dealt with: vaginal cytology; aureomycin therapy in trichomonas vaginitis; the evaluation and prophylactic use of intra-vaginal penicillin in pelvic surgery; the evaluation of penicillin suppositories in the treatment of lower genital tract infection; urinary excretion of gonadotropins and of adrenal steroids; the incidence and causes of carcinoma of the cervix and uterus in Jewish as opposed to non-Jewish women; the use of transplanted autogenous fascia lata for the correction of urinary stress incontinence; a new surgical approach in the repair of large enterocele following total abdominal hysterectomy; and the evaluation of prognosis in patients with carcinoma of the cervix treated with X-ray and radium as followed by cytological smears.

NEUROLOGY

Since June 1, the Department of Neurology has had a research unit consisting of a full-time physiologist and three fellows in neurology. To supplement existing grants, a Neurologic Research Fund of the Mount Sinai Hospital was established by the Hospital. Many friends and grateful patients contributed toward this growing fund. Investigations were made largely in the field of normal and abnormal perception. However, work was also conducted in physiology of the brain stem and occipital lobes in animals.



STAFF AND NON-STAFF PHYSICIANS AT A CLINICAL CONFERENCE IN THE HOSPITAL

With the aid of the electroencephalogram, the effect of visual and sound stimuli on the electrical activity of the brain was studied. Using this machine, eye movements, particularly in cases of multiple sclerosis, were also investigated.

Besides research in the laboratories, several studies were made on disturbances in states of consciousness with the aid of intravenous injection of barbiturates, thus developing further methods in diagnosis of disease of the brain. New drugs in the treatment of epilepsy, Parkinsonism and demyelinating diseases were tested. Also, new methods in the diagnosis of brain tumors were developed.

The teaching of undergraduate medical students of the New York University College of Medicine was begun. Residents received special instruction from our staff and guest lecturers.

All members of the attending staff were active in teaching, as well as in research, as members of the faculty of the N. Y. U. College of Medicine in the Department of Neurology.

Papers by the staff were read before a number of societies. Publications by the staff included 19 papers in specialized journals, a text book of neurology, and two chapters of another book.

OPHTHALMOLOGY

Staff members participated in several national conventions, including the annual meeting of the American Academy of Ophthalmology and Otolaryngology, at which two of them served as instructors. A staff member participated in a national meeting on external diseases at Iowa State University. Another taught at Seton Hall University and was named a founder of the Ophthalmological Bacteriology Club.

An investigation by the staff into the sterility of eye drops used in all sections led to the development of a new type of vehicle which assures sterility.

Research activities dealt with the use of cortisone to prevent fibrosis after filtering operations in glaucoma; the effect of orally administered adrenergic blocking agents on intra-ocular tension; the relation between cataract formation and retinal detachment in neurodermatitis; and night vision and dark adaptation studies, with special reference to its use as a provocative test in glaucoma. Study was continued on the eye in old age.

Staff members submitted for publication 12 papers, nine of which have already appeared.

ORTHOPEDICS

There was a steady increase in the census of the Service, both in the Hospital and the outpatient department. A new room was completed in the Children's Pavilion to accommodate the increased demand for orthopedic beds. The children's clinic combined the treatment of a larger number of patients with closer follow-up care of persons treated on the wards.

The Blythedale Hospital for Orthopedically Handicapped Children, with which the Service is affiliated, underwent radical alteration with increased facilities for orthopedic care and rehabilitation and with better opportunity for resi-

dent training. Preliminary evaluation of the newly instituted Bone Bank established its usefulness, particularly in the more massive and extensive orthopedic surgical procedures.

Among the clinical problems emphasized were the re-evaluation of treatment of fractures of the hip, discogenic backache and prosthetic hip replacement. Many of these problems, as well as other research projects, were carried to the osteopathology laboratory for further investigation.

OTOLARYNGOLOGY

New studies of subjects such as hormonal therapy of edematous lesions of the nose and throat and of disturbances of function of the esophagus were added to investigative activities carried over from previous years. A number of presentations were made before the specialty societies and several papers were published in otolaryngological journals.

PEDIATRICS

The Pediatric Staff carried out in the Rosenstiel Pediatric Laboratory a very active research program covering a number of fields of endeavor. Of particular interest were studies dealing with the effects of poliomyelitis virus upon the various water compartments of the body. This work has already brought to light the fact that this disease causes important changes in water metabolism. There is reason to believe that these findings may be of practical importance in treatment of the acute stage of poliomyelitis.

Along related lines, members of the Pediatric and Medical Departments, working in the Rosenstiel Pediatric Laboratory, made studies regarding the influence of changes in salt intake on fluid and electrolyte balance. Interesting data were also obtained regarding the effects of severe infantile diarrhea upon the distribution of salts and water in the body. In addition, these investigators carried out experiments which have contributed to the understanding of the factors involved in the production of certain forms of the clinical syndrome known as shock.

In conjunction with the Department of Bacteriology, research work on the etiology of epidemic diarrhea was continued with fruitful results, including the isolation of a virus, not previously described, which may prove to be one of the causes of this disease.

An attempt was made to adapt chromatographic principles for use in the detection of antibodies against viruses in the sera of animals and human beings. Work done thus far indicates that such methods may lead to the demonstration of the presence of antibodies that can not be detected by conventional methods.

Work on the wards and in the Out-Patient Division of the Pediatric Department was conducted with customary care and diligence. The number of patients seen in the Pediatric OPD clinics increased by approximately ten per cent over 1950. The attending and resident staff presented two weekly clinical conferences throughout the year. A weekly X-ray conference was held with the Depart-

ment of Roentgenology, and the Department of Pathology presented a monthly conference dealing with pediatric problems.

Teaching of medical students from the College of Physicians and Surgeons of Columbia University was continued. Five or six students, in rotation, receive their instruction in pediatrics on a full time basis in this Hospital. Forty such students were taught in our department in 1951.

Mr. Samuel Schneierson, a trustee of the Hospital, was appointed chairman of the Committee on Pediatrics by the Board of Trustees. Under Mr. Schneierson's guidance changes are under consideration which, it is believed, will increase the efficiency of the Pediatric Department and will broaden its usefulness to the community. The proposed plans visualize changes in the mechanisms involved in the care of patients, as well as physical alteration of the Pediatric Pavilion.

PHYSICAL MEDICINE

The Department continued to have an important part in the care of in- and outpatients, as indicated by its statistics and by the character of its work. The demands made upon the Department reflected the changes occurring in other divisions of the Hospital. It was called on increasingly to teach rehabilitation techniques to patients suffering from various forms of paralysis due to brain and spinal cord pathologies, to amputees and to the orthopedically handicapped.

Among the several papers prepared by the Department was one presented at the annual meeting of the American Medical Association. A new textbook was completed by the head of the Department.

PSYCHIATRY

The Psychiatry Service continued to work in close cooperation with other aspects of the Hospital's functioning. The Ward Service carried 112 patients, of whom some were readmissions. These patients presented many diagnostic categories representing a cross-section of the medical and surgical problems. They were transferred to the Service because of a need for diagnostic measures of a psychiatric nature or intensive psychiatric therapy. The case load was particularly valuable because it presented an opportunity for clinical research in therapeutic measures and for the training of the resident staff and other personnel such as social workers, nurses, psychologists, etc.

The Adult Outpatient Service (three clinics each meeting two mornings a week and one clinic meeting two afternoons a week) was extremely active. The morning clinics carried close to 500 patients in the year, with 5,352 kept appointments. This service is still under a great deal of pressure in terms of number of cases referred for admission. It is of interest, therefore, that there were only 24 patients on the waiting list at year's end. The afternoon clinic serves a special function as a follow-up clinic for patients discharged from Ward A. It also serves for the continued training of residents under supervision in relation to ambulatory patients. There were some 70 patients in treatment in this clinic at the end of the year, with a total of 1,210 kept appointments.

The Child Psychiatry Division has continued its expansion. Attention should be drawn to the close relationship between the Pediatric Service and this division of the Psychiatry Service. There are many combined conferences and teaching exercises which profit both the pediatricians and the psychiatrists. The functional allocation of two beds in the Pediatric Pavilion for psychosomatic problems proved to be of great value.

The Liaison Service continued to function well. Over 700 formal consultations were given during the year. The liaison psychiatrist both in the outpatient and in the inpatient continued an intimate working relationship with the attending and resident staffs and participated in a teaching program.

The Psychology Section continued to expand. An excellent postgraduate teaching program was begun. This section now has, in addition to the two paid full-time clinical psychologists, 14 psychologists on a volunteer basis, many of whom are giving full-time to the Hospital. Several members of the psychology staff started work on Ph.D. theses, utilizing the clinical material of all services. It is hoped that the application for funds to the U. S. Public Health Service for training purposes will be of value in the program established.

A unit of nine students from the New York School of Social Work spent its second year at the Hospital. The training received by this group is unique because of the nature of the Psychiatry Service and its clinical material.

Research projects were primarily of a clinical nature. It was in this area that the lack of space and facilities was felt most.

There were 81 psychiatrists on the Service at year's end.

RADIOLOGY

The year in the X-Ray Department was outstanding chiefly because it marked the first period of active construction of the expanded Department. This meant considerable inconvenience and operating difficulties in the present overcrowded Department. Despite this, however, and despite a film load increase of 7,000 films, it was possible for the most part to stay abreast of demands. Towards the year's end, it was necessary, to achieve this, to work two or three nights a week. The night program will continue into 1952 as required.

From a technical point of view, it was noteworthy that the radiographic quality of films was considerably improved. Part of this technical improvement was attributable to a program of control of the solutions in the darkroom, with the Physics Department cooperating. The characteristics of the developing solutions were examined periodically from routine and investigative points of view to establish reproducible procedures that will be applicable to the new darkroom set-up.

The filing system of current examinations was revised in an effort to reduce to a minimum the loss of films. The reporting forms were changed to allow inclusion in the OPD or Hospital chart on the single X-Ray report sheet. A change in the requisition forms was undertaken to permit use of the addressograph.

New equipment added was minimal because a large amount of new equipment will be part of the construction program. Nevertheless, it was necessary

to replace a radiographic table with a new tilt table with electrically-operated spot device. This equipment has facilitated the procedure of myelography done daily on neurological spine cases. In addition, a cassette changer for cerebral arteriography was designed, built and tested in a number of cases. As a result, improvements are being incorporated in this equipment that will result in a cassette changer which should be eminently suitable and give service for years. Expansion and modernization of the darkroom set-up in cystoscopy was planned and quick-drying equipment procured.

Several types of examinations became more extensive and detailed, particularly encephalography, ventriculography and routine roentgen examination of the skull and spine. Other examinations requiring more time, effort and films are those of the colon—i.e., the barium enema examination—and the esophagus. Repetition of the barium enema examination has frequently been necessary because of the increasing interest in the discovery of small lesions of the colon, specifically polyps.

In the latter half of the year, besides the usual three residents in the Department, a National Cancer Institute Fellow and a postgraduate student received intensive training in Radiology.

In addition to the weekly Pediatric, Medical, Neurological and Orthopedic X-Ray conferences, a Surgical X-Ray conference was started, attracted considerable interest, and will be continued.

The Department presented an exhibit and a paper on chronic granulomatous ileojejunitis at the national meeting of the American Roentgen Ray Society in Washington, D. C. An exhibit on cerebral angiography was presented at the American Medical Association meeting in Atlantic City, in cooperation with the neurosurgical service. A paper on broncholithiasis was read at the meeting of the American College of Chest Physicians in Atlantic City by a staff associate who also gave demonstrations and lectures to this Society in New York and Pennsylvania, and two demonstrations to the Department of Radiology of the Presbyterian Hospital. Publications by the staff included 14 articles in various specialty journals and textbooks.

Research included work on short esophagus with ulceration, lymphosarcoma of the stomach, infarction of the small bowel, the use of a new opaque medium for cholecystography, full-column myelography, broncholithiasis and protection measurements during fluoroscopy and radiography, and measurements of the protection equivalents of protective material in use in the Department. A film badge program for routine monitoring of X-Ray exposure received by Department personnel is being implemented.

RADIOTHERAPY

In addition to the routine treatment of patients in the Department, clinical investigations continued to be an important part of staff activities. The treatment of advanced cases of cancer with radiation through a perforated grid was studied a second year and the role of this type of therapy was crystallized. In conjunction with the Social Service Department, provisions were made for home care, including medical visits, of advanced cases of cancer. Social Service also

made new provisions for housekeeping services for patients unable to perform those functions while under treatment.

Studies were made on the rotation method of therapy and a rotating chair for this type of radiation therapy is to be installed.

Investigations on the use of Beta ray applicators in eye diseases proceeded on a clinical basis, the Physics Department having completed its study of the newer dosimetric methods of calibrating radioactive Beta sources.

Publications were submitted on the clinical investigation of cancer of the uterus and diseases of the salivary glands. Included in the medical literature was a description of a new radium applicator designed by the staff for treatment of cancer of the uterus. A study was begun of the radiation methods of treatment of cancer of the urinary bladder.

UROLOGY

The Service maintained its active clinical studies and research projects. Further clinical usage of the "artificial kidney" (extracorporeal dialyzer) developed at this Hospital proved its safety and efficiency. The apparatus has been requested by other institutions interested in the problem and was exhibited by members of the Service at a meeting of the National Association.

The studies on renal function in various conditions by means of the newer technics were continued. Auto-kidney transplantation was undertaken as an experimental project in association with another service. Other investigations dealt with carcinoma of the ureter and bladder, carcinoma of the kidney with trauma, a non-opaque roentgenographic table mat, horseshoe kidney disease, hormonal tumors of the adrenal gland, tumors of the kidney, combined surgical and transurethral prostatectomy and a new ureteral surgical technic.

THE OUT-PATIENT DEPARTMENT.

THE year showed a marked decline in the number of consultations given by the OPD—207,338 as compared to 217,918 in 1950. This represents a decrease of 11.4 per cent. Adult visits dropped 13 per cent, but pediatric visits rose six per cent.

This trend obtains in most voluntary hospitals. Many causes undoubtedly contribute to this trend, including new drugs which materially reduce the number of required visits, new health insurance plans, clinics established by the larger trade unions for the care of members and their families, and others. The slight increase in our charges may also be a contributing factor, but if so, hardly an important one. No patient within our district is turned away for inability to pay. A great many beyond our borders are likewise accepted as free patients. Indeed, our percentage of free patients has been increasing each year and 63 per cent were treated last year without charge.

The continuing decline in OPD census has prompted us to undertake a comprehensive study in an effort to determine the entire cause. A committee composed of members of the Board and the Medical Staff are to make this study, which will cover each of our 90 clinics. An objective appraisal will be made of the quality of patient care, the interest of physicians as measured by their attitude towards patients, regularity of attendance, as well as the many medical-social-economic factors involved.

A full-time social worker is being employed to assist the committee. One of her duties will be field work to determine why many patients fail to keep appointments.

Various new clinics were established during the year to meet the advanced and changing problems of medical care.

Some years ago when radioactive iodine was introduced as treatment for thyroid diseases, these patients were transferred to the Physics Department for care. The number of patients receiving this treatment has grown to such numbers that our regular Thyroid Clinic was re-established and its sessions are held on the same floor of the OPD building and at the same time as those of the Endocrine Clinic. This enables two groups studying and treating kindred problems to work closely together.

A clinic for the care of patients with *nyaesthesia gravis* was established. Although the numbers attending this clinic would naturally be small, both medical and community needs seem to justify its creation. A new drug—octamethylpyrophosphoromide (OMPA) is employed in the treatment of these patients.

A Transfusion Clinic for ambulatory patients was organized. This spares many patients the necessity of being admitted to the Hospital and also frees beds formerly used for this purpose.

Formation was approved of an Intestinal Rehabilitation Clinic in which a

group of physicians and surgeons will afford help and care to post-operative ileostomy or colostomy patients.

A Child-Patient Guidance Clinic was established. This new concept of working with the parent along with the emotionally-disturbed child is characteristic of the progressive approach of the Hospital Psychiatric Service.

The facilities of the Dental Department were doubled by the completion of new quarters adjacent to the old ones, enabling us to establish new Dental Clinics and enlarge the scope of others. A children's clinic for operative dentistry was introduced, satisfying an urgent community need. It has also made it possible for us to create another session in orthodontia, which enables us to give this important service to many additional children.

The above is a recital of new clinics established and old ones expanded in the year. Many regular clinics carried on studies and established new procedures related to the rapid progress being made in practically every field of medicine.

The OPD continued to serve as a source of material for medical education and research. Many clinics held regular conferences conducive to stimulating the interest of physician. Many cases presented in the postgraduate teaching program conducted by the Hospital in association with Columbia University came from the OPD. Research projects were carried on in several clinics, centering on patients being treated in them.

This report devoted to a brief outline of the work performed for the ambulatory patient seeking our help would not be complete without giving recognition to the conscientious efforts of the many physicians, nurses, social workers, volunteer aides and lay personnel who made this work possible and to all of whom I express my sincere thanks and appreciation.

JOSEPH KLINGENSTEIN, *Chairman*
Committee on Out-Patient Department

THE LABORATORIES

BACTERIOLOGY

THE routine subdivisions of the Bacteriology Department performed approximately 32,000 bacteriological, chemotherapeutic, parasitological, serological and virological tests. In conjunction with the routine activities, a number of studies were carried out. A comparative investigation was made on the accuracy of the "disc" method for determination of bacteriological sensitivity to antibiotics. The use of media treated with penicillin and streptomycin increased the yield of positive ameba cultures. The favorable influence on amebic cultivation was due to the inhibition of antagonistic bacterial flora by the drugs. After a preliminary investigation, the cardiolipin antigen for the Wasserman test, which is superior in sensitivity and specificity, was adopted as routine procedure.

In collaboration with the Pediatric Department, a new penicillin product, dibenzyl penicillin, which reportedly produced a significant blood level of seven days' duration, was investigated. This product may be of considerable clinical value when long term treatment is indicated; e.g., in the prophylactic treatment against recurrent attacks of rheumatic fever.

A survey of the sensitivity to the newer antibiotics, aureomycin, chloromycetin and terramycin, on various pathogenic bacteria isolated from patients during the past three years was carried out to determine resistance to these agents after prolonged use, such as occurs with the older chemotherapeutic agents—sulfonamides, penicillin and streptomycin.

Several strains of influenza virus were isolated and identified serologically during the epidemic of February-March, 1951.

Following extensive studies, the Nickerson-Kveim skin test was introduced for the diagnosis of sarcoidosis.

In conjunction with the Medical Services, treatment of schistosomiasis *mansoni* infections with Fouadin was continued. The evaluation of other drugs upon a number of parasitic diseases has been in progress in the Tropical Disease Clinic.

Further progress, reported in a series of publications, was achieved by the Department's research units.

The effects of various chemotherapeutic and antibiotic agents on vitamin production by the intestinal flora were investigated. Marked reduction of vitamin K as measured by the prothrombin time was noted when aureomycin, sulfadiazine, penicillin or streptomycin was administered.

Studies of the effect of cortisone and ACTH on bacterial infections in mice were continued. Cortisone was shown to increase markedly the bacteremia and to shorten the survival time of mice infected with streptococcus hemolyticus. ACTH had little effect.

Quantitative data were presented to show that both the mumps viral complement fixing and agglutination-inhibiting antibodies were transmitted from mother

to child without any significant loss in titer. In contrast, titrations for streptococcus MG agglutinins showed in most instances at least a four-fold diminution of the maternal titer in the cord blood. There was no difference in results whether specimens were from premature or full-term infants.

It was previously found that by the use of appropriate solvents and paper chromatographic techniques many constituents of ragweed pollen extract can be separated. Methods of isolating these constituents in larger yields were investigated. One of the most active constituents of ragweed, present in largest amount, was isolated in an active form, showing 85 - 90 per cent purity. It is planned to use this constituent for the treatment of hay fever patients.

Studies were continued on the relation of adrenocortical function to the Schwartzman phenomenon. Special emphasis was put on the role of pantothenic acid in the synthesis of the adrenocortical hormones in response to stimulation by drugs endowed with ACTH-like activity and on the protective role which this vitamin may play against injury caused by bacterial toxins and other toxic agents.

Although possible hormonal influences on the predisposition of poliomyelitis in man have been suspected, many previous experimental studies proved either negative or equivocal. It was reported during the year that ACTH and cortisone in combination or cortisone alone produce a marked acceleration of poliomyelitis infection (strain MEF₁) in mice and an extraordinary enhancement of susceptibility to this infection in hamsters giving rise to a violent and uniformly fatal disease. ACTH alone fails to produce this effect, due possibly to elaboration of an unknown factor capable of reversing the enhancing effect of cortisone. The work was extended successfully to monkeys. These observations indicate the existence of a significant relation between adrenocortical function and predisposition to poliomyelitis. A large scale research project was initiated to investigate many aspects of this new approach to the problem of poliomyelitis.

CHEMISTRY

The statistical data on chemical routine analyses, which appear in another section, were compiled for the first time on the basis of determinations rather than the number of specimens, so as to present a truer picture of the volume of requests for chemical help in diagnosis, prognosis and therapy. Some administrative measures were studied and in part introduced, dealing with distribution of collecting vessels, labelling and transmission of specimens, installation of flame photometer for exclusive routine use, and addition of night and Sunday emergency personnel. These innovations are accelerating routine reports and thus shortening the hospitalization time of the individual patient.

Routine development, the selection of standardization, and clinical application of new chemical tests brought new procedures into focus. Several research teams aided in this development, whose full benefit will come only with the opening of the new laboratory building and with the introduction of the tests into the regular chemistry routine.

Among the new procedures (not listed in statistics section) are: the secretin test for the diagnosis of pancreatic disease (700 performed in 1951); the vitamin A tolerance test; the determination of protein-bound iodine in thyroid disease (250 tests); the colorimetric and spectroscopic analysis of the various keto-steroids; and urinary gonadotropin and salt tolerance (560 tests made in the Endocrinology Laboratory).

The group interested in blood electrolytes and the operation of the artificial kidney contributed "clearance tests" and further developed the clinical routine use of methods for the determination of the water-content of the "compartments" inside and outside the cells of the body, using "T-1824," inulin, para-amino-hippuric acid, potassium ferrocyanide and isotopically labelled heavywater.

There was increased demand for toxicological routine determinations. Other routine development work included the study of chromatographic and other techniques for the differential analysis of bile acids and pigments. The study of electrophoretic protein patterns in lupus erythematosus and multiple myeloma was concluded. The performance of electrophoretic analysis on routine specimens will be resumed in the new laboratory facilities.

Nutrition Research—Studies of the incidence of hereditary hypercholesterolemia and predisposition to atherosclerosis were expanded to include 300 additional families, bringing the total to 500, in each of which the diagnosis was based on elevated serum cholesterol findings in at least three members. A strikingly high incidence of familial hypercholesterolemia was evident in the Jewish population group. No instance of this condition was found in the non-white families, which comprised ten per cent of those studied.

Observations were continued on the effect of ACTH and cortisone on serum lipoids. Twenty cases of lupus erythematosus disseminatus have now been under observation for as long as two years. With large doses of the hormones, changes of serum lipoids were well defined.

Because of the possible bearing on atherosclerosis, these studies were extended to animals, in which the effect on the serum lipid partition was found to vary from species to species. Dogs treated for a prolonged period with doses many times higher than the therapeutic doses used in man failed to show noteworthy changes in the individual serum lipid fractions. In contrast, rabbits treated with doses comparable to the therapeutic doses, manifested lipemia and elevation of serum cholesterol and phosphatides. The studies stressed the significant role of the adrenal cortex in the regulation of lipid metabolism.

Trials with ACTH and cortisone were performed in a group of patients with severe non-tropical sprue, refractory to the usual therapy. Although the patients only occasionally showed improved absorption of fats and of vitamin A, the majority revealed striking clinical improvement of diarrhea, increased appetite, enhanced sense of well-being, and gains in weight up to 50 pounds. Because cessation of therapy resulted in complete relapse within a few weeks and to prevent adverse effects of this therapy, these patients will be kept on minimal effective doses of hormone.

Water Metabolism and Blood Electrolyte Research—This group continued studies in cortisone and ACTH and completed an investigation of their influence on fluid and electrolyte distribution in man. The influence of the conventional form of therapy for diarrhea in infancy on fluid and electrolyte distribution and the consequent changes in renal function were thoroughly investigated. Work on the disturbance of this distribution, including complete balance techniques, was carried out in completely anuric patients in conjunction with the artificial kidney. The studies are being expanded and applied to other diseases such as acute poliomyelitis in monkeys.

Investigations were begun into the use of endogenous creatinine clearance as a measure of glomerular function and the use of p-aminohippuric acid as a tool for measuring regional contributions to cardiac output.

Other Clinical Research—The pancreatic enzyme group conducted research on the effect of intravenous alcohol administration and of vagotomy on pancreatic secretion, and also on the effect of secretin in combination with vagomimetic drugs on the serum amylase.

Several improvements were introduced in the determination of protein-bound plasma iodine. The determination proved indispensable in the management of clinical thyroid material, as well as in all research on thyroid disease.

Protein and Enzymes Research—The study of thermophilic microorganisms was resumed. Among the more than 50 strains of thermophilic bacteria that were the fruit of our prior studies of this subject—bacteria which vie at temperatures approaching 70 centigrades—the most suitable were selected for the next objective, the study of proteolytic enzymes and their mode of action. Normal-temperature and high-temperature strains of *B. subtilis* and of a thermophilic agar-liquefying bacterium were cultured in considerable quantities. An extensive study of growth factors and trace elements enabled us to obtain rich harvests of bacteria with a high concentration of intra- and extra-cellular proteolytic enzymes. This work was done at the Haskins Laboratories for lack of laboratory space in the Hospital.

As a result of clinical observations on the effect of pressure on the growth of cartilage and bones, the volume changes of various animal tissues during enzymatic hydrolysis were studied and certain discrepancies in prior observations explained. All normal and diseased tissues examined revealed a considerable decrease in volume upon proteolytic digestion. This indicated that the synthesis of protein, out of an equivalent amount of amino-acids, was accompanied by a volume increase and was therefore affected by pressure according to Le Chatelier's principle. This mechanism was offered as an explanation of certain physiological effects of pressure, local and atmospheric.

Another problem, dealing with proteins, concerns the mechanism of drug eruptions. The heavy isotope of nitrogen, N^{15} , was introduced by us last year in the hypnotic drug Nirvanol. We have now prepared sufficient quantities of this material and injected the maximally tolerated amount into rats. This enables the labelled drug and its fate to be traced in the various organs and excreta.

Physical Organic Chemistry—In the borderline field between organic and physical chemistry, we began a study of high-energy phosphates, which play a great role in the various steps of energy transfer in animal physiology. The compound salicyl phosphate was found to display a most paradoxical behavior. Our explanation of this phenomenon is being followed-up with an eye on the unexplained chemical mechanism underlying the pharmacological effects of aspirin and the salicylates.

In continued studies on monomolecular layers, a new series of keto-reagents was synthesized which lend themselves to monomolecular techniques and have already proved their suitability for the analysis of cholestenone, a compound closely related to the clinically important keto-steroids. During this work, new and fundamental observations on oxidation, radiation and other chemical reactions in monomolecular films were made. This work was described by the Hospital Chemist at the annual meeting of the American Association for the Advancement of Science in Philadelphia at which he presided at a symposium on monomolecular layers.

The monthly Physiological Chemistry Seminar included lectures on "Separation of Amino Acids" by Dr. R. J. Block, New York Medical College; "Chemotherapy in Tropical Medicine" by E. A. H. Friedheim; "Labelled Antitissue Antibodies" by D. Pressman, Sloan-Kettering Institute; and "Ion Exchange Resins in Biochemistry" by H. P. Gregor, Brooklyn Polytechnic Institute. Staff members lectured at a number of national and local scientific societies and educational institutions. The Hospital Chemist was the delegate of the American Association of Clinical Chemists at the 75th Anniversary celebration of the American Chemical Society.

ENDOCRINOLOGY RESEARCH

The problems studied in the Endocrinology Research Laboratory included the interrelation between the thyroid and adrenal glands. The increased elaboration of thyrotropin by the pituitary under stress was further investigated. It was shown that this increased secretion was inhibited, by both direct action of ACTH in the bi-laterally adrenalectomized animal and administration of adrenal corticosteroids following stimulation with ACTH.

The group also demonstrated an increase in urinary gonadotropin under surgical stress or upon administration of ACTH and cortisone. Thus, it was shown for the first time that the alarm response under stress comprised not only an increase of adrenocortical function, but also of thyroid and gonadal response.

The Laboratory continued its work on experimental exophthalmos. An increase in the deposition of mucopolysaccharides in the retroorbital tissues was demonstrated as evidenced by an increased hexosamine content. These mucopolysaccharides are apparently hydrophilic and thus account for the increased water-content of these tissues.

A new test for the determination of urinary thyrotropin was developed which, aside from its experimental importance, will prove clinically useful in the differentiation between primary and pituitary myxedema.

Studies on the effect of ACTH and cortisone in lupus erythematosus were continued. The cumulative results over two years indicated that these hormonal fractions provide considerable aid in the clinical management of patients with collagenous disease.

A study of adrenal function in hibernation was undertaken in conjunction with the Pathology Department. Three adrenalectomized and three normal woodchucks were subjected to hibernation in a field experiment. Dug out before the arrival of spring temperatures, they were found in a true state of hibernation with rectal temperatures of 5-6° C. Anatomical and histo-chemical studies revealed no changes in the endocrine glands which could be attributed to hibernation alone or to hibernation in the adrenalectomized state. However, it was conclusively demonstrated that woodchucks retain the ability to go into and survive hibernation even though totally adrenalectomized.

GASTROENTEROLOGY RESEARCH

The research activities of the Gastroenterology Research Laboratory were highly diversified as regards the various organs of the alimentary canal which were dealt with. As heretofore, some investigations were concerned directly with specific diseases—ulcers of the stomach and duodenum, pancreatitis, ulcerative disease of the small intestine and the colon (ileitis and colitis), cancer of the stomach and intestines, and abnormalities in hunger and appetite. Such investigations were as usual carried out in collaboration with members of one or more clinical services in the Hospital.

Other lines of research, however, were concerned with the basic physiology of the several organs of the digestive tract, in an effort to supply more fundamental knowledge required in the pursuit of the distinctly clinical problems. In great measure, these research activities continued to derive their support from extramural sources.

Experiments were continued in an effort to induce gastric adenocarcinoma in a special strain of cancer-susceptible mice by destroying this protective structure preparatory to applying a cancer-producing agent to the stomach lining.

Use was made of our newly discovered method of stimulating pure cell-free gastric mucus with acetylcholine for a study of various physical and chemical properties of mucus secretion.

To study the chemical character of pure canine mucus and also of mucus as it occurs in human gastric specimens obtained from patients, a project was conducted attempting to develop microanalytical methods of high precision. Description of these microprocedures are being prepared for publication and their application to specific physiologic and chemical problems is under way.

Interest in how the stomach cells make HCl was reactivated in an effort to find a "monkey-wrench" which can be thrown into this mechanism to prevent acid formation. Several diverse researches were conducted on the mechanism of gastric acid formation. One of these entailed a study of the significance of sodium and potassium in gastric juice; another was concerned with the importance of the enzyme, carbonic anhydrase, in the cellular chemistry of hydrochloric acid formation.

The problems of ulcer etiology and therapy were approached in other ways as well. A clinical study was conducted on the use of eugenol to increase mucus secretion in ulcer patients. A new grant was received in support of a project concerning the ways in which ulcer disease may result from impairment of the gastric mucous barrier, even when the output of active gastric juice is not augmented. One way, which concerns the influence of the local blood supply on this defensive mechanism, is being used as a basis for the current study on the project. Another therapeutic approach to the ulcer problem has dealt with the use of various neural blocking agents. The study of Banthine was continued for a second year.

Evidence was published to prove gastrin activity completely independent of the vagus nerves though probably depending on the nerve plexuses within the stomach wall—thus making it unlikely that this hormone is involved in the psychosomatic aspects of ulcer disease. Research on the presence of the enzyme, pepsin, in the urine was continued.

The psychophysiologic studies on patients with fistulae of the digestive tract were completed. These were a group project in collaboration with the Psychiatric Service and the Gastrointestinal OPD. Psychiatric aspects of the studies were reported by other participating services. Reports of the physiological studies, which relate to the neural, hormonal and intestinal phase of gastric secretion in man, are being prepared for publication by this Laboratory.

Investigations on the significance of lysozyme in relation to ulcerative colitis were continued. An independent study was conducted in collaboration with the Gastrointestinal OPD on the effects of cortisone and ACTH on the clinical course of this disease in man and simultaneous changes in lysozyme titer in the stools of such patients. Another study was conducted in which the lysozyme was removed continuously from the colonic contents by use of an adsorbing agent.

The investigation on dogs of the effect of gastric resection on the secretory response of the pancreas to food and other stimuli was continued. This study is being conducted in collaboration with Surgical Service C in order to expand our physiological knowledge relating to the performance of subtotal gastrectomies for the relief of chronic pancreatitis. Completed was the clinico-physiological study of the effect of supradiaphragmatic vagotomy on pancreatic function carried out in collaboration with both gastrointestinal surgical services.

The long-range researches on hunger and appetite in dogs, designed to throw light on excessive appetite leading to obesity in human beings, were continued. They have already yielded results of considerable interest.

The Department continued to offer assistance on statistical problems of many kinds to various members of the Hospital. Formal educational activities included the usual lectures under the postgraduate medical faculty of Columbia University, and lectures to the resident staff. Papers were presented by members of the Laboratory staff before the American Gastroenterological Association, the New York Academy of Medicine, the National Gastroenterological Association and the American Physiological Society. Twenty-four articles were published or accepted for publication in scientific and medical journals and books. The Laboratory staff included thirteen investigators of doctorate grade, most of whom were attached to the Hospital's medical or surgical services.

PATHOLOGY

A total of 8,277 specimens removed at operations were examined and 322 necropsies were performed, including 168 examinations of the cerebrospinal system by the Neuropathological Laboratory. The laboratory for exfoliative cytology examined 1,469 smears, although it was, for administrative reasons, closed for 15 weeks.

Thirteen trainees devoted full time to work in pathologic anatomy and surgical pathology. Three of them, who had obtained their full training in the Department, volunteered to take on part-time duties. These men are of great value to the Department's routine and educational functions and at the same time gain more experience for themselves.

Only a third of the physicians who apply for full-time training in pathology intend to pursue a career in laboratory medicine. The others apply because they appreciate its value in the preparation for a career in medicine and surgery. Training in anatomic pathology, as offered by the Department, aims to educate the postgraduate physician in principles applicable to his future clinical work.

The weekly clinical-pathological conferences conducted in cooperation with the Attending Physicians continued to be well attended by members of the medical profession in the New York area. The biweekly House Staff conferences received the usual enthusiastic response. The House Staff was also given a daily informal demonstration of the surgical material. The two postgraduate courses in general pathology and surgical pathology given by the Hospital in affiliation with Columbia University had a record enrollment.

Studies of systemic lupus erythematosus were continued and some findings proved of general significance. It was shown that there exists in systemic lupus erythematosus a progressive degradation of nucleoproteins which leads to the circulation of these degradations products in the blood and their deposition within vascular walls. These observations advanced information as to the pathogenetic mechanism of this puzzling disease and are utilizable in clinical investigations.

The systematic studies of the connective tissue in normal and pathologic states were continued. The principal aim of this inquiry is to increase basic information on the homogenous ground substance of the connective tissue, specifically its protein moiety. This information is essential to understand the biological role assigned to this widely dispersed tissue and to recognize the mechanisms responsible for maladies characterized by alterations of the intermediate substances of the connective tissue. During the year, analyses of synovial fluid were made using paper chromatography. Studies were also made of the water adsorption by the homogenous ground substance and its relationship to electrolyte distribution in tissues rich and depleted of this intermediate material.

With histochemical methods, a series of neoplasms were studied which were rich in mucopolysaccharides, such as myxomas, mixed tumors of the parotid gland and colloid carcinoma of the breast. Some conclusions were made as to the origin of the mucopolysaccharides. The cutaneous lesions of allergic granuloma-

tosis were described in some detail and were separated from other eosinophilic granulomata of the skin with which they can be confused histologically.

The question of the occurrence and frequency of carcinoma of the colon in chronic ulcerative colitis was critically investigated and the conclusion was reached that it was unusual.

Experiments were completed on inhibition of the lesions produced by shiga-toxin by the use of etamon chloride. It was shown by cross circulation experiments with shigatoxin that the toxin produced its physiological effects and anatomical alterations by mechanisms mediated through the central nervous system.

Among the activities of the laboratories devoted to specialties, such as orthopedic surgery, otology and ophthalmology, completion may be reported of experimental work on the healing of bone grafts, a project referred to in the last annual report. *The Journal of Experimental Medicine* for May, 1951, published a paper on it.

Several unusual observations were made by the Otopathologist, such as a fracture of the petrous pyramid, and a supernumerary muscle of the middle ear. The material was critically studied and reports were published in the special journals.

NEUROPATHOLOGY

Dr. Joseph H. Globus retired as Neuropathologist to the Hospital after 29 years of signal service. His contributions in neuropathology made this laboratory one of the country's best known research centers. On retirement, Dr. Globus was named Consulting Neurologist and Neuropathologist to the Hospital. Appointed his successor was Dr. Irving Feigin, who combines a broad experience in general pathology with special training and interest in the pathology of the central and peripheral nervous system, a combination that will aid the full development of the Department's routine, educational and research activities.

Weekly demonstrations were held for the Neurology and Pathology staffs of the current pathologic anatomic material, and monthly conferences were held in cooperation with the Neurosurgery and Neurology Services at which instructive cases were discussed.

Dr. Feigin continued research on histochemical problems which he had begun in the Veterans Administration Hospital in the Bronx where he had served for four years as research neuropathologist. He is on the faculty of the Department of Neuropathology of the College of Physicians and Surgeons.

PHYSICS

The clinical load of the Radioisotope Group working in the Physics Laboratory continued to increase. 1334 tracer doses of radioactive iodine were given to patients with thyroid disease and 656 therapeutic doses were administered in cases of Graves' Disease and thyroid malignancy. This represents an increase of 20 and 35 per cent respectively over the figures for 1950. There was little change in the number of patients cared for on the wards and in the OPD; the increase

was due largely to private referral patients. About 100 patients were treated for polycythemia vera and five for leukemia with radioactive phosphorus.

The reliability of a secondary rise in blood levels of radioactive iodine in patients with Graves' Disease was well established and this method is now used routinely in cases presenting diagnostic problems when investigated with other methods.

Work was satisfactorily carried out to increase the resolution of radioautographs of sections on biopsy and surgical specimens of thyroid tissues. Such radioautographs permit the observation of separate colloid follicles as regards which do and do not show uptake of radioiodine. The aim is to increase the resolution even further, so that the role of the individual cells in the iodine uptake may be studied.

The role of the Radioisotope Group in handling thyroid cases in the Hospital has led to the establishment of a thyroid clinic in the OPD under the joint supervision of the Medical Services and the Physics Laboratory, with a clinician as head.

Studies of tissue dose due to external sources of beta-emitting isotopes were extended to most available and suitable isotopes. Data permitting clinical application are now available for calcium-45, phosphorus-32, strontium-yttrium-90, sulphur-35, radium beta plaques, radium D plus E, ruthenium-rhodium-106 and Thallium-204.

In collaboration with Neurosurgery, work was started on diagnosis and localization of malignant brain tumors with radioactive diiodo fluorescein. Suitably shielded and supported Geiger-Mueller counters were devised, an improved system of mapping brain areas was developed and 40 patients with known tumors and control patients with malignancies elsewhere were studied. This work appears to give additional help in the diagnosis of brain tumors; it will be continued and the instrumentation improved.

Studies on iron metabolism in neoplastic conditions and anemias were carried out using radioactive iron-59 in 75 patients. The development of scintillation counters of much higher sensitivity than conventional Geiger-Mueller counters permitted measurement of blood samples directly, eliminating the elaborate and time-consuming methods of electroplating used before. The saving in time and effort permits the accomplishment of an increased amount of work.

Experimental studies on the contamination of Hospital sewage by radioactive materials used for patients and in the Laboratory, were carried out. The results of the studies contributed to new official recommendations on disposal of radioactive iodine and phosphorus for medical users, which simplify considerably the handling of this problem in hospitals.

X-ray diffraction was used routinely in the identification of renal and urinary calculi. Diffraction studies on normal and pathological growth of bone were continued.

The remote positioning device for ionization chamber in measuring therapeutic X-ray dose in phantom material, constructed in the preceding year, was used for dosage determination in grid therapy. The depth dose in this grid

therapy is now adequately known and was useful in the clinical application of grids in this Hospital and elsewhere.

A systematic quantitative investigation was made of X-ray dosage received by patients during diagnostic studies and of the scattered radiation reaching physicians and technicians. Techniques were developed for a simplified routine testing of the output of diagnostic X-ray machines and of film development procedures.

Microplethysmography continued to be used as a diagnostic aid on patients with cardiovascular diseases.

Physics Laboratory personnel participated in the organization of radiation protection work in Civil Defense in the city.

Under auspices of Columbia University, 16-week courses in Nuclear Physics in Medicine were given in 1950-51 and 1951-52. Laboratory work was added to the lectures in the second period.

Routine activities of the Laboratory, in addition to the work described, consisted of calibration of radiotherapy machines, processing and standardization of radioactive isotopes for clinical use, and the maintenance of therapeutic, diagnostic and research equipment in various departments.

CARDIOGRAPHY

The routine activities of the Cardiology Laboratory continued to increase and the Department was again very active instructionally. Members of the Department gave courses in elementary and advanced electrocardiography, a survey of cardiovascular diseases and conducted weekly intra-departmental and bi-weekly electrocardiographic conferences. The various courses were attended by members of the House Staff, fellows, postgraduate students and observers from many parts of the world.

A variety of research projects were pursued. Of considerable significance was the establishment of normal and abnormal limits of blood pressure for age and sex for persons 16 to 65 years of age. A statistical survey was published of 74,000 gainfully employed persons. An exhibit on blood pressure presented by staff members won an award at the A.M.A. convention. Studies were started in the over-65 age group.

Studies were continued of the "2-step" exercise electrocardiogram for the evaluation of coronary circulation. A comparison was reported between the "2-step" test and the ten per cent anoxemia test.

The physiological effects of dihydroergocornine (DHO-180) were studied in over 300 cases in man to confirm the importance of this preparation in the differential diagnosis of chest pain caused by organic heart disease and by a functional heart disturbance.

A survey was published of the cardiovascular findings of 200 consecutive physicians, mostly Jewish, over 40 years of age. An additional 100 were examined since publication. An examination of 300 non-Jewish physicians in the same age category is planned to test any difference in incidence in coronary disease.

The staff concentrated during the year on the clinical aspect of acute coronary

insufficiency and followed patients on the wards clinically and electrocardiographically.

In a study of our 500 patients with coronary occlusion and insufficiency, it was shown that two-fifths make a complete functional recovery and live for many years, even though the electrocardiogram frequently remained abnormal.

A cooperative study, subsequently published, was made at Beth-El Hospital, Brooklyn, of the circumferential chest leads in normal infants.

A dual ballistocardiographic apparatus (modified after Dock) was designed in the Laboratory. The apparatus records photoelectric (displacement) as well as electromagnetic (velocity) graphs. Attempts were begun to standardize the technique, so that the amount of movement quantitatively would mean the same wherever the test is done. Nearly 1,000 tracings have been made in normal and abnormal persons in conjunction with routine electrocardiograms and "2-step" tests. Follow-up studies are in progress.

Patients with ventricular aneurysm are being worked-up with circumferential chest lead electrocardiograms, roentgenkymograms, electrokymograms and ballistocardiograms.

A study was begun of the use of procaine amide in ventricular arrhythmias. Intramuscular quinidine was found to be effective and safe in arrhythmias.

A technique was devised to record spatial vectorcardiograms. The vectorcardiogram is recorded in three planes—horizontal, sagittal and frontal, to permit an evaluation of the electric current in the heart as a whole, and an understanding of the excitation current in the heart. Twelve papers covering the principles and technique were published and a monograph is soon to appear.

The electron microscope was employed in the study of the heart muscle.

Two one-hour talks on cardiac emergencies were broadcast under auspices of the New York Academy of Medicine and are being published in monograph form.

Members of the Department also gave talks at conventions of the A.M.A., the American Heart Association and the American Federation for Clinical Research, and before various medical societies throughout the country.

HEMATOLOGY

The Hematology Laboratory continued to grow both in the number of tests performed and in consultations completed. 7,500 tests were performed in 1951: 6,000 blood, 525 marrow, 175 pigment, 300 serologic and 500 chemical. This was an increase of 25 per cent over the previous year.

Comparative statistics fail alone to indicate the growing importance of hematologic studies in diagnostic medicine since many recently developed tests require hours of preparation even after technical facility has been attained. Thus trace metal studies of the blood and serum have been of great aid in classifying obscure anemias. Requests for pigment examinations of the stool and urine have increased markedly as the significance of the studies has become apparent.

Additional space has been an extreme need for years. During the past few years, however, this need has been so pressing that it was necessary to scatter the

technical help in various laboratories where special tests might be performed. An additional small laboratory and office were temporarily made available to provide space for increased personnel.

Recognizing the importance and necessity, the Hospital assigned a hematology resident and assistant resident to the laboratory during the year. In addition a Hematology Research Fellowship was granted and a Pediatric research fellow assigned to the Hematology Laboratory. The integration of the House Staff into the Laboratory is already proving its value both in training of the younger physicians and more efficient coverage of the wards.

A continuing study of the anemias in collaboration with the Physics Department uncovered numerous interesting facts concerning the metabolism of iron. These studies were presented at the Academy of Medicine and were accepted for publication in a leading scientific journal. Recent discoveries of new types of Geiger-Mueller tubes for counting radioactive specimens have simplified the procedure greatly; such apparatus was constructed and tested in our Physics Laboratory.

More fundamental aspects of lupus erythematosus continued to be investigated. In collaboration with the Pathology Department, histochemical studies were undertaken and important discoveries made. To continue these studies, a hematology research fellow and a resident were permitted to spend about six weeks at Tulane University to perform further investigations.

Numerous papers were presented at medical societies and other hospitals. A monthly seminar in Hematology with guest speakers from various parts of the country was enthusiastically received. These seminars will be published as a regular contribution in *The Mount Sinai Journal*.

Formal teaching, as in previous years, consisted primarily of two postgraduate courses. Of necessity these were lecture courses; as space and facilities become available greater emphasis on teaching the laboratory aspects of hematology are contemplated.

An ambulatory transfusion clinic was started as part of the Hematology Outpatient Clinic. A combined clinic together with radiotherapy and radio-physics was organized where all patients with blood diseases related to cancer will be treated.

OFFICERS AND DIRECTORS OF THE SCHOOL OF NURSING

PHILLIP W. HABERMAN, JR.....	<i>President</i>
GEORGE B. BERNHEIM.....	<i>First Vice-President</i>
MRS. GEORGE LEE.....	<i>Second Vice-President</i>
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E. Nelson Asiel	Phillip W. Haberman, Jr.
George B. Bernheim	William J. Kridel
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Edgar M. Cullman	Henry A. Loeb
Richard E. Deutsch	Mrs. Carl H. Pforzheimer, Jr.
Seymour Dribben	Alfred L. Rose
Richard Goldsmith	William D. Scholle
Randolph Guggenheimer	Mrs. Roger W. Straus
Harold D. Wimpfheimer	

For the Term Expiring April, 1952

E. Nelson Asiel	Henry A. Loeb
William Kridel	Alfred L. Rose
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Richard Goldsmith	Mrs. Roger W. Straus

THE SCHOOL AND THE DEPARTMENT OF NURSING

THE SCHOOL OF NURSING

THE School of Nursing seeks to educate the student to give skilled nursing care, to become familiar with community resources for the care and prevention of illness, to maintain her own health and to develop her capacities as an individual. The program is planned so that the graduate will be capable of giving effective nursing service and contributing to the betterment of the community's health. To achieve this aim, the School relies on careful selection of students, the conduct of a good health service and the constant re-evaluation of its educational and extra-professional program.

A tangible evidence of the School's success is the performance of its graduates in the State Board Examinations—65 graduates took the examinations and all passed. Indeed, the National Nursing Accrediting Service officially recommended that "the faculty be commended on the high degree of success among students in State Board Examinations."

Sixty-nine nurses were graduated on February 5 at exercises held in the Blumenthal Auditorium. The commencement was made particularly enjoyable by the address of the guest speaker, Dean Louis M. Hacker, M.A. (Oxon.), of the School of General Studies, Columbia University.

THE CENSUS OF THE SCHOOL AND DEPARTMENT OF NURSING AT THE CLOSE OF 1951

Director, School of Nursing and Nursing Service.....	1
Assistant Director, School of Nursing.....	1
Assistant Director, Nursing Service.....	1
Administrative Assistant.....	1
Supervisor of Instruction.....	1
Public Health Coordinator.....	1
Librarian	1
Instructors (full time).....	14
Supervisors	16
Assistant Supervisors.....	10
Head Nurses.....	70
General Duty Nurses.....	117
Per Diem General Duty Nurses to help fill vacancies.....	36
Practical Nurses, Nursing Aides and Ward Helpers.....	114
Students enrolled in the School.....	223

During the year, 85 students were selected for admission; 22 entered in February and 63 in September. The students came from Connecticut, Delaware, Florida, Indiana, Massachusetts, New Jersey, New York and Pennsylvania.

The Manual of Nursing Procedures, revised during the year, reflected the faculty's progressive thinking in that area of instruction. The educational program was further strengthened by the appointment for the first time of a special clinical instructor to provide instruction for students on evening assignments.

Many new books were added to the library, emphasizing again the School's appreciation of the value of a well-functioning library in a good educational program. The library now has 1,860 volumes of 980 titles. Teaching models were purchased and a textbook on nutrition was added to the list of books provided students. The use of visual aids, a valuable teaching tool, was increased and many instructive films were shown.

The 92nd Street YMHA, which in 1950 graciously provided through its Nursery School an opportunity for observation instruction in the care and emotional health of the well child, was unable to oblige us with this service last year. The School, however, was able to arrange a new affiliation of this kind with the Lexington House Nursery School.

The School's health program, which assures every student complete medical care and hospitalization without charge, functioned with usual efficiency and concern for the welfare of the student body. Dr. E. Z. Epstein again was in charge of the program.

The recreation program directed by committees of the Student Association and faculty advisors provided many pleasurable activities. Tickets were provided for the Metropolitan Opera, the Philharmonic Symphony, Lewisohn Stadium Concerts, City Center productions and Radio City Music Hall. The Glee Club participated with other schools of nursing in the community in a music festival. Dances were held and also parties and sports activities. Publication of a new student monthly, "Cap and Bib," was begun in June; the other School publication, "The Plaid Review," now publishes twice a year instead of four. Our students sent representatives to a state-wide meeting in Albany last February which led to the formation of the State Student Organization, whose aim is to interest nursing students in participating as graduates in the affairs of their profession.

Opportunity was given to nursing staff members to pursue advanced professional study. Miss Sylvia Barker, Class of 1936, was awarded the Guggenheim Scholarship for 1951, enabling her to complete studies for her M.A. degree at Teachers College, Columbia University. Our clinical instructor in Pediatric Nursing, on invitation of the Department of Measurement and Educational Guidance of the National League of Nursing Education, helped in the construction of achievement tests in pediatric nursing. The faculty generally evinced a cooperative interest in nursing affairs and developments. Its representatives attended the National League of Nursing Education Convention, the Nursing Program of the Middle Atlantic Hospital Association, the State Nurses Association Convention and a State Conference on a proposed plan for nursing education prepared by the State Inter-Departmental Health Council.

THE FACULTY OF THE SCHOOL OF NURSING

GRACE A. WARMAN, B.S., M.A., R.N.....	<i>Director, School of Nursing and Nursing Service</i>
MINNIE H. STRUTHERS, B.S., M.A., R.N.....	<i>Assistant Director, School of Nursing</i>
BESSIE I. WOLFSON, B.A., M.A., R.N.....	<i>Assistant Director, Nursing Service</i>
MARY I. DUWALL, B.S., M.A., R.N.....	<i>Administrative Assistant</i>
OLGA KRAZINSKI, B.S., M.A., R.N.....	<i>Supervisor of Instruction</i>
RUTH SENGSTAKEN, B.S., R.N.....	<i>Public Health Coordinator</i>
MILDRED NAGLER, B.S., R.N.....	<i>Instructor in Nursing Arts</i>
OLA MACPHERSON, B.S., R.N.....	<i>Assistant Instructor in Nursing Arts</i>
ELAINE BLACKSTONE, B.S., R.N.....	<i>Assistant Instructor in Nursing Arts</i>
SELMA REUBENS, B.A., R.N.....	<i>Assistant Instructor in Nursing Arts</i>
CATHERINE CAFFERY, B.S., R.N.....	<i>Science Instructor</i>
THERESA LOSZEWSKI, B.S., R.N.....	<i>Science Instructor</i>
GRACE LAMONICA, B.S., R.N.....	<i>Assistant Science Instructor</i>
RUTH SALZMANN, B.S., R.N.....	<i>Clinical Instructor, Medical Nursing</i>
JOYCE SUFRIN, B.S., R.N.....	<i>Clinical Instructor, Surgical Nursing</i>
ITA G. BONFELD, B.S., R.N.....	<i>Clinical Instructor, Pediatric Nursing</i>
MARY SCHILKEN, B.S., R.N.....	<i>Clinical Instructor</i>
EDITH G. RYAN, R.N.....	<i>Supervisor of Nurses, Semi-Private Pavilion</i>
CATHERINE VANCE, R.N.....	<i>Supervisor of Nurses, Private Pavilion</i>
EDNA DILLON, B.S., R.N.....	<i>Supervisor of Nurses, Medical Pavilion</i>
DOROTHY JAFFE, B.S., M.A., R.N.....	<i>Supervisor of Nurses, Surgical Pavilion</i>
SYLVIA BARKER, B.S., M.A., R.N.....	<i>Supervisor of Nurses, Children's Pavilion</i>
RUTH SPINK, B.S., M.A., R.N.....	<i>Supervisor of Nurses, Out-Patient Department</i>
JEAN JOLLEY, R.N.....	<i>Supervisor of Nurses, Operating Room</i>
MARGARET YANSSENS, B.S. R.N.....	<i>Night Supervisor of Nurses</i>
CATHERINE HILL, R.N.....	<i>Evening Supervisor of Nurses</i>
MARY LUBITZ, R.N.....	<i>Assistant Day Supervisor</i>
HELENE HOROWITZ, B.S., M.A.....	<i>Instructor of Physical Education</i>
DOROTHEA L. HORSTMANN, B.S.....	<i>Instructor in Nutrition and Diet Therapy</i>
HELEN MORLEY, R.N.....	<i>Librarian</i>

Faculty changes were in some instances inter-departmental transfers and resignations were attributable largely to after-marriage retirement or advancement elsewhere. We were fortunate in obtaining well-qualified, experienced replacements. On the lecturing staff, Dr. David Dreiling replaced Dr. Leonard Druckerman as lecturer in surgery and Dr. Jonas H. Sirota replaced Dr. Arthur Sohval, in medicine.

NURSING SERVICE

Providing the kind of nursing the Hospital traditionally likes to give patients became increasingly difficult last year, with the available number of nurses generally inadequate to present requirements. The real shortage was at the bedside where care must be given 24 hours a day. Early ambulation results in a preponderance of acutely ill patients to care for in the Hospital's various divisions. The



STUDENT NURSES IN A CHEMISTRY CLASS

shortage was partly met by the employment of per-diem nurses, but the problem of covering evening and night assignments was, nevertheless, more acute than a year ago. Nurses from our staff have entered military and government services. With military services increasing their demands, there is likely to be a further decline in nurses available to civilian hospitals. Despite these handicaps, patients were generous in praise of nursing staff members most of whom are to be commended for their efforts in the interest of good patient care.

To provide a more efficient and economical organization for operating room work, all operating rooms were placed under one supervisor and the plan is working to the satisfaction of the Hospital and the medical staff.

Every effort was made to make employment here attractive to nurses. Salary scales were upgraded for private duty nurses as well as for staff nurses. During the year 18,485 calls were received for private duty nurses of which 12,813 were filled.

We continued on-the-job training for nursing aides and cooperated with the New York City Board of Education in its cooperative education program for hospital aides. Six aides were assigned for their practical experience. A greater number of aides are expected to be available for this program in 1952.

Many of our nurses enrolled in the Civil Defense Program at the request of the Nursing Service Committee of the Health Council of Greater New York. The purpose of the enrollment is to build up a reservoir of nursing resources for availability in wartime disaster. Five staff members took a course for instructors on "Nursing in Atomic Warfare" and, in turn, held classes for other nursing personnel.

The Hospital welcomed several nurses from foreign countries. A nurse from the graduate nursing course at McGill University spent a week here observing methods and administrative practices. A graduate nurse from Turkey is spending some months here studying operating room procedures and techniques. Nurses from Israel and South America also were here for study during the year.

PHILLIP W. HABERMAN, JR., *President*
The School of Nursing

OFFICERS AND MEMBERS OF THE SOCIAL SERVICE AUXILIARY

MRS. ALFRED A. COOK.....*Honorary President*
 MRS. WALTER A. HIRSCH.....*President*
 MRS. ROBERT M. BENJAMIN.....*Vice-President*
 MRS. JACK R. ARON.....*Treasurer*
 MRS. ROBERT H. KRIDEL.....*Assistant Treasurer*
 MRS. EDWARD J. ROSENWALD.....*Secretary*

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 Mrs. Paul Baerwald
 Mrs. Robert E. Binger
 Mrs. Myron I. Borg
 Mrs. William M. Cahn, Jr.
 Mrs. Arthur J. Cohen
 Mrs. Leonard A. Cohn
 Mrs. Joseph F. Cullman, 3rd
 Baroness Theodore de Gunzburg
 Mrs. Henry S. Glazier
 Mrs. John A. Herrmann
 Miss Angie Jacobson

Mrs. Hugo Kastor
 Mrs. Alan H. Kempner
 Mrs. George Lee
 Mrs. Herbert H. Lehman
 Mrs. Louis M. Loeb
 Mrs. Jerome I. Maier
 Mrs. Victor S. Riesenfeld
 Mrs. Melvin C. Robbins
 Miss Edith Sachs
 Mrs. William D. Scholle
 Mrs. Henry Siegbert
 Mrs. Frank L. Weil

THE SOCIAL SERVICE DEPARTMENT

AN era in the development of the Social Service Auxiliary came to an end in 1951 when Mrs. Alfred A. Cook, who had been its president since 1917 and for all that time its able and devoted leader, retired from that office to become the Auxiliary's first Honorary President. The resignations at the same time of Mrs. Myron I. Borg, vice president, and Mrs. Henry S. Glazier, treasurer, who had like Mrs. Cook served continuously since 1917, caused an entirely new slate of officers to be elected. Mrs. Cook, Mrs. Borg and Mrs. Glazier all remain, happily, as members of the Board.

Headed by Mrs. Walter A. Hirsch, who was elected as Mrs. Cook's successor, the new officers are as follows: Mrs. Robert M. Benjamin (formerly secretary), vice president; Mrs. Jack R. Aron, treasurer; Mrs. Robert H. Kridel, assistant treasurer (succeeding Mrs. Hugo Kastor); and Mrs. Edward J. Rosenwald, secretary.

Mrs. Jesse Asinof and Mrs. Jerome I. Maier were elected to the Board, which accepted with regret the resignation of Mrs. John Rosenthal.

Some existing committees were reorganized and several new ones formed, including a Committee on Maternity and others on publicity and public relations, and patient recreation.

Volunteers in 1951 gave 18,191 hours of service. A survey of the volunteer situation in other hospitals was started and an extensive report will be presented to the Board of Trustees of the Hospital and to the Social Service Auxiliary.

The Patients' Library was moved to the OPD Annex adjacent to the Hospital Record Room. The new quarters have better facilities and wall space for the increasing number of books being donated. In 1951 there were 425 gifts of books and another 40 were bought. Because funds for the purchase of new books are limited we are very grateful for the donations.

Until a therapist joined the staff on November 1, we worked with only two therapists in our Occupational Therapy Department. We hope soon to bring the staff to its quota of four. Requests by physicians on the wards were met when possible, but the OPD program was cut of necessity.

The Workroom had another busy year. From Mr. Robert Dowling of the City Investing Company, Mr. James Felt obtained rent-free a large store at 980 Madison Avenue to be used for seven weeks in November and December as a retail outlet. Gross sales totaled \$9,800.

The Gift Shop Committee was active making plans for a Gift Shop in the new Maternity Pavilion when it opens.

The Committee on Education took over the responsibility for arranging programs for the monthly meetings, case committee meetings, and scholarships and grants for courses at schools of social work.

Committee meetings were reduced to two case meetings and one monthly

Board meeting. Dr. Martin R. Steinberg, director of the Hospital, addressed the Board meetings several times to give up-to-date information regarding Hospital matters. Attendance at case meetings was gratifying. A member of the Education Committee is working with the Educational Supervisor to make the case presentations as stimulating as possible. Cases are being selected not only because they demonstrate various casework skills and use of community resources, but also because they illustrate serious community problems, such as drug addiction and abject housing conditions. With the assistance of Mr. James Felt, we were able to work out a plan with housing authorities whereby our requests for re-housing, on the basis of illness, may be directed to one person in order to obtain earlier decisions. This was, however, only an opening wedge not yet too productive.

Mrs. Cook and Dr. Steinberg met with representatives of the Cancer Philanthropic League to discuss unmet ancillary needs of cancer patients, which resulted in the Hospital receiving a generous check of \$10,000 with the promise of another similar check. We are grateful to the League for the contribution and are making excellent use of it.

ACTIVITIES OF CASEWORK STAFF

We plan to engage a consultant to help re-evaluate our casework activities and for this reason have deferred making any radical changes. However, caseworkers on the Adult Wards proceeded carefully and slowly with modification of the 100 per cent review, whereby every ward patient was interviewed. The present method includes study of social material obtained from the patient by the Admitting Office and of medical and social information given to the physician. Where warranted, the individual, a member of his family, or any interested person is seen by the medical social worker. In any case, the caseworker's daily presence on the wards, the weekly conferences held with the medical residents, and the daily communications with the latter, when needed, eliminate the danger of overlooking emergent patient problems.

Facilities for the care of the aged, chronically ill and terminal cancer patients have been tremendously taxed. Long waiting lists are the rule in most private homes and hospitals, and hospitals under public auspices are unable to accept the total responsibility. Private nursing homes are beyond the economic means of most families for any length of time and often the patient must fall back on a family ill-prepared to provide adequate care.

The grant of the Cancer Philanthropic League made available home care for a number of cancer patients. Such services as home visits by a physician, funds for housekeeping aid, or home nursing care alleviated much suffering. Families were also relieved of the tensions and the stresses experienced with a sick person in the home. Often the breakdown of other family members was prevented.

With the addition of a psychiatric social worker to the staff of the Neustadter Convalescent Home, a bridge was erected to enable continuity of social treatment. Heretofore, there was a break in casework therapy because of the inaccessibility of the patient—a gap that offset gains achieved for the patient's rehabilitation

while he was in the Hospital. Now, interchange of information and close collaboration between the caseworker at the Home and the Hospital caseworker, insure steady, supportive assistance and continuity in planning.

A club of former ward patients with the same medical diagnosis, ulcerative colitis, formed spontaneously, has proven very successful. The membership totals 40 men and women. Each meeting attracts between 25 and 30. This endeavor was given enthusiastic support by the surgeon who arranged to give necessary medical guidance. A caseworker is present at each session, but the members are wholly responsible for the program.

To use our skills and resources in a more economical and effective manner, the social service coverage of the medical and special therapy clinics in the OPD was reorganized. Instead of three workers dividing the clinic sessions, one worker now attends all clinics and accepts total medical referrals from physicians, patients and other personnel. She screens these cases and allocates to the other two caseworkers those requiring intensive social casework study and treatment.

On the Pediatric Medical Wards, the caseworker reports more children with unusual types of diseases, some being admitted from Long Island, New Jersey, Pennsylvania and upstate New York. Social casework with these children and their families is in the supportive, interpretive area on an intensive basis during the child's hospitalization, with referral to the proper community resources, when indicated. We also had some children with congenital heart defects who were admitted for pre-operative observation and diagnostic tests. Caseworkers of the Ward and Congenital Cardiac Clinic work together to give the children and their parents the help they need before and following the operation.

A Group Psychotherapy Clinic was started last fall with mothers of children receiving individual psychotherapy in the Parent-Child Guidance Clinics. This clinic is in charge of the psychiatrist, assisted by the senior psychiatric caseworker.

In the Children's Orthopedic Clinic a significant change in procedure occurred when the health supervision and treatment work formerly done by the Association for the Aid of Crippled Children was taken over by the Visiting Nurse Service. The nurse provided by the Association no longer comes to clinic but all referrals and follow-up reports are made to the Visiting Nurse Service by means of the Inter-Agency Referral Form. A meeting was held at the Hospital with the Visiting Nurse Service to discuss and set up a plan for cooperation in referring orthopedically handicapped children.

Caseworkers on the Psychiatric Service are assisting psychiatrists with the following studies: long-term and multiple clinic care cases, the pre-morbid personality of patients under cortisone therapy on the First Medical Service, a follow-up evaluation of therapy of former patients on the Psychiatric Ward, and a research project on cataract cases.

The student casework training program started in 1950 proved of sufficient value for the New York School of Social Work to be continued in 1951. Psychiatrists and caseworkers have found work with this group educational and stimulating.

At the request of the staff, staff meetings were continued, with the focus on casework techniques. Because of the significance of the subject, caseworkers requested that these discussions be led by case supervisors, instead of a staff member. A more elaborate program, geared to suggestions by the staff, is being presented at general staff meetings. Some meetings were planned around the use of motion pictures. The sound projector purchased from a legacy of Miss Mary Hallahan, a former staff member, was most useful.

Four casework staff members left the Department to complete training at the New York School of Social Work, Fordham University and the Pennsylvania School of Social Work.

Several staff members again attended the National Conference of Social Work in Atlantic City and one of the psychiatric caseworkers spoke at a workshop of the National Conference of Jewish Welfare in Atlantic City.

Two caseworkers, with a physician, psychiatrist and nurse, participated in a case presentation given under auspices of the North Atlantic District of the American Association of Medical Social Workers, in the Blumenthal Auditorium.

Once again we wish to mention several unmet community needs that affected our services to patients: adequate housing, facilities for the chronically ill and aged, sufficient beds in tuberculosis sanatoria, institutions for mentally defective children of from three to six months of age, boarding homes for Negro children, convalescent homes for epileptic children, facilities for teen-age drug addicts, additional psychiatric clinics, more sheltered workshops, and facilities for psychiatric patients ineligible for admission to a state hospital and requiring a sheltered environment removed from family.

We wish to thank the many agencies, particularly the Federation of Jewish Philanthropies and the United Hospital Fund for their splendid cooperation in the care of our patients. We are deeply grateful to the Director of the Hospital and his assistants, to the Director and the Staff of our Social Service Department, and to the members of the Social Service Auxiliary for their devoted services. Without this teamwork, the Department could not have achieved its high standard of performance.

HORTENSE M. HIRSCH, *President*
Social Service Auxiliary

OFFICERS AND DIRECTORS OF THE NEUSTADTER FOUNDATION

MRS. WALTER A. HIRSCH.....	<i>President</i>
JAMES FELT	<i>Vice-President</i>
CARL H. PFORZHEIMER, JR.....	<i>Treasurer</i>
CARL J. AUSTRIAN.....	<i>Assistant Treasurer</i>
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Mrs. Percy W. Lansburgh
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Mrs. Samuel A. Sicher
Mrs. Edwin C. Vogel

Honorary Director

Albert Forsch

THE NEUSTADTER HOME FOR CONVALESCENTS

THE Neustadter Home for Convalescents in 1951 cared for 1,016 men and women and gave 20,295 days of care at a total operating expenditure of \$170,500. The number of patients included 41 carry-overs from the previous year. With ten exceptions, all cases were referred by Mount Sinai Hospital. There was a slightly lower census owing to two mild flu epidemics which affected staff and patients alike. The low per diem cost, despite still rising prices for food and maintenance and the growing staff, again attested to the efficient management of the Home.

The Home continued its liberal admission policy with regard to the physical condition of patients. Among the cases accepted, for example, were 125 cardiacs, 242 gastro-intestinals, 156 gynecologicals and numbers of other categories not usually cared for by convalescent centers.

The trend at Mount Sinai toward early ambulation and discharge, abetted by new drugs and other therapies, generally charged the Home with receiving and caring for patients in need of considerable medical ministrations.

The Home was able to accept these responsibilities with the guidance of Dr. Herman Zazeela, its medical director, the assistance of Dr. George Naumburg, Jr., its consulting psychiatrist, and an overall professional staff of 22, a maintenance and domestic staff of 26 and four part-time workers.

Of considerable assistance also was the liaison work of Mrs. Edwin C. Vogel, chairman of the Medical Care Committee, who kept in close touch with all medical developments and consulted with appropriate staff members at the Home and the Hospital as medical problems arose. This liaison work resulted in discussions at our last meeting, for example, of such matters as care of the acutely ill, improvement of medical charts, and drugs and medications. Similar contact with the nursing situation brought about changes such as institution of the 40-hour week, a five per cent pay rise and establishment of basic pay levels for nurses, to keep the Home in this matter also abreast of the Hospital.

The fine work of our special diet department, under Miss Wiesenbeck who was appointed last March, was emphasized by a survey of 47 convalescent homes, which showed that only 11 had trained dietitians and only 22 attempted to provide special diets. At Neustadter last year 52.5 per cent of patients were on special diets. A difficulty in this regard is racial and national eating habits which are frequently counter to dietary requirements of patients.

The Home last March employed for the first time a full-time psychiatric social worker (Miss Elsie Siff). In her first nine months, she gave 1,377 consultations and interviews to 443 patients, most of them self-referred and having personal and environmental problems. Weekly conferences were held at the Hospital between its social service staff and our social worker at which unusual procedures and cases were discussed. When further consultation is required after



AN OCCUPATIONAL THERAPY SCENE AT NEUSTADTER

discharge from the Home, the patient is referred back to Mount Sinai or to a community agency.

Under Mrs. Hedwig Planner, the occupational therapy department, which cooperates closely with the social worker, engaged a part-time aide (Miss Esther Weissbluth) and had its busiest year. Three-quarters of the total census—between 25 and 30 patients—participated in every O.T. session, with each selecting his own type of work voluntarily. The department has also become a key social center for parties, stage activities and holiday celebrations. A clue to the success of the O.T. program is the fact that patients, on leaving, write grateful letters, send gifts and even on occasion arrange for visits from professional entertainers.

A potentially grave situation arose with information to the effect that the projected Buffalo-New York thruway may, if existing plans prevail, entail the condemnation of property directly in front of our grounds. Although we have had discussions on the matter with the proper authorities, the exact extent of such condemnation and the actual proximity of the project to Neustadter are still unknown.

The Hospitality and Gift Shop again was a bee-hive. Staffed by a part-time worker, it was pleased to serve patients, visitors and staff. It was completely self-sustaining and even showed a profit of \$400.

With the growing universal interest in convalescent care, the Home was proud during the year to be host to many public health professionals and others from many parts of the nation and the globe who came to observe our facilities and methods. In this regard, we are grateful to Dr. Joseph Globus, editor of the Mount Sinai Hospital Journal, for his May edition based on Neustadter, "Symposium on Convalescent Care." It was widely distributed and eagerly received.

On behalf of our Board, I express my sincerest thanks for a year Neustadter may well be proud of to Dr. Martin R. Steinberg, Mount Sinai's director; Mrs. Louis Mendelsohn, Miss Elizabeth Dixon and the entire Mount Sinai social service department; Dr. Herman Zazeela, Dr. George Naumburg, Jr., Mrs. Genevieve Edmonds and the Neustadter staff, and all others who served with selflessness and good will.

HORTENSE M. HIRSCH, *President*
The Neustadter Foundation

AN OPPORTUNITY FOR INVESTMENT IN MEDICAL RESEARCH

Exterior construction of the Atran General Laboratory Building has been completed. But, to provide the researchers and clinicians who man the Hospital's research program—the largest conducted by a non-university institution—with the tools indispensable to their tasks, the interior of the Laboratory must be completed and equipped now.

A gift toward completion of the Laboratory—entailing the individual scientific facilities listed below—will amount to an investment in medical discovery, for Mount Sinai has traditionally rewarded the generosity of its patrons with achievements advancing medical science.

The Hospital welcomes memorialization by its friends of these laboratories and other facilities.

<i>Facility</i>	<i>Cost</i>
Diet Kitchen (Experimental)	20,000
Pregnancy Test	10,000
Cancer Research	50,000
Neurophysiology	75,000
Cardiophysiology	75,000
Endocrinology	30,000
Hematology	75,000
Parasitology	25,000
Chemotherapy	50,000
Tuberculosis	35,000

(Continued on page 4 of blue insert)

A BRIEF STATEMENT OF THE

The cost of operating the Hospital was	\$5,856,307
To meet a part of this cost, patients paid to the Hospital	3,896,173
The difference is the total philanthropic expense for the year	1,960,134
This philanthropic expense was met in greater part by generous grants from the Federation of Jewish Philanthropies, the United Hospital Fund, the Greater New York Fund, the City of New York, etc., and income from general endowment funds, leaving a net deficit for the year of	120,252

* * * * *

An analysis of the cost included in the above total operating expenses of the Hospital revealed that:

Approximately \$4,915,000 was spent for the care of 15,456 patients who were admitted to the Hospital. Of these patients, over 45 percent were cared for in the wards, free or below cost.

Approximately \$670,000 was spent in the Hospital's ninety Out-patient clinics for care of needy patients.

Approximately \$271,000 was spent for Social Service Work for 6,350 patients, to help solve economic and social problems which prolonged illness so often involves.

The above operating expenses do not include approximately \$518,000 spent for medical and scientific research, postgraduate medical education, and other projects not classified as annual maintenance of the Hospital. These activities

ANCIAL PICTURE FOR 1951

re supported by funds which have been donated by generous sponsors and allocated for such purposes.

The future of our Hospital is dependent upon the rebuilding of its capital funds. Large deficits of the past twenty-two years have drawn upon reserves, donated in prior years, to the extent of almost three million dollars. These deficits could have been avoided only by curtailing in quantity or quality, or both, the services rendered by the Hospital to the sick poor of the City.

To meet the increased needs of the community and to keep abreast of new horizons in medicine, our Trustees formulated in 1942 a plan for post-war development. This program included the building of a Maternity Pavilion and an Institute of Biogenetics; an expansion in facilities for Psychiatry; the creation of new research and routine laboratories, professional offices and other auxiliary facilities; enlargement of the program of medical education to include courses at the postgraduate level for reorientation or specialized training of physicians returned from military service; and an increase in fellowship grants and other facilities for advanced scientific research. As noted in the President's Report, the program is well under way toward completion.

In addition to the Hospital's need for capital funds for maintenance and for the full realization of the above expansion program, capital donations, establishment of memorial funds, and legacies are urgently needed for the ever-expanding services which the enlarged Hospital will be called upon to supply.

(Continued from page 1 of blue insert)

Mycology	25,000
Serology	50,000
Allergy	30,000
Immunology	50,000
Virology	75,000
Immuno-Chemistry	35,000
Ultracentrifuge	30,000
Electron Microscope	30,000
Photometry	15,000
Microbiology	100,000
Mass Spectrography	70,000
Pharmacology	50,000
Organic Chemistry	120,000
Colloidal Chemistry	50,000
Physical Chemistry	50,000
Optical Research	30,000
Vitamin Research	50,000
Electronics	50,000
X-Ray Research	35,000
Radioactive Isotopes	50,000
Biophysics	75,000
Construction of New Department of Pathology.....	425,000

(Adapted from prospectus issued by the Board of Trustees Oct. 5, 1951)

THE MOUNT SINAI HOSPITAL

TREASURER'S REPORT

COMBINED STATEMENT OF DEFICITS OF THE FOUR SOCIETIES

For the Year Ended December 31, 1951

OPERATING DEFICITS:

Hospital	\$1,457,546.94
School of Nursing.....	234,004.06
Social Service	203,403.07
Ladies' Auxiliary	65,180.28

<i>Total Operating Deficits.....</i>	\$1,960,134.35
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RECEIPTS APPLIED TOWARD OPERATING DEFICITS:

Payments by:

City of New York for Part Maintenance of Free Ward Patients and for Custodians.....	\$535,414.97
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Contributions:

Federation of Jewish Philanthropies:

Hospital	\$633,211.93
School of Nursing.....	210,000.00
Social Service	134,156.08
Ladies' Auxiliary	48,000.00
	1,025,368.01

Greater New York Fund (through Federation)	78,236.45
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United Hospital Fund:

Hospital	\$82,119.66
Social Service	30,482.18
	112,601.84

Miscellaneous Donations:

Hospital	156.00
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<i>Total Receipts Applied Toward Operating Deficits....</i>	1,751,777.27
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Deficit Before Income from Investments.....	\$ 208,357.08
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Note: The above figures do not include appropriations from principal and/or income of special funds for stated non-budgetary purposes amounting to \$518,563.99.

INCOME FROM INVESTMENTS:

Hospital	\$84,947.45
School of Nursing	1,067.79
Social Service	2,090.16

<i>Total Income from Investments</i>	<u>\$ 88,105.40</u>
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Net Deficit (Four Societies) for the Year Ended December 31, 1951	\$120,251.68
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STATEMENT OF HOSPITAL OPERATING DISBURSEMENTS
AND RECEIPTS*For the Year Ended December 31, 1951*

HOSPITAL OPERATING DISBURSEMENTS:

Administration:

Salaries, Wages and Pensions	\$359,894.51
Telephone Service	39,009.99
Stationery and Printing	39,788.71
Miscellaneous	35,368.95

<i>Total Administration</i>	<u>\$474,062.16</u>
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Professional Care of Patients:

Salaries and Wages:

Nursing Service	\$921,989.90
Physicians	181,792.05
Psychiatric Service	54,650.61
Druggists	23,880.71
Orderlies	131,583.33
Follow-Up and Clinical Secretaries	35,532.43
Medical and Surgical Supplies	622,706.96

<i>Total Professional Care of Patients</i>	<u>1,972,135.99</u>
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** Out-Patient Department:*

Salaries and Wages	\$99,769.68
Supplies	10,813.62

<i>Total Out-Patient Department</i>	<u>110,583.30</u>
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* Includes only items directly and exclusively chargeable to the department. The addition of indirect charges would result in a much higher total figure. For example, the cost of conducting the OPD, including proportionate indirect costs properly chargeable to it, was approximately \$670,000, excluding the Social Service Department.

Radiography Department:

Salaries and Wages	\$64,198.45
Supplies	63,945.79

<i>Total Radiography Department.....</i>	<i>\$128,144.24</i>
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Radiotherapy Department:

Salaries and Wages	\$16,958.30
Supplies	5,028.28

<i>Total Radiotherapy Department</i>	<i>21,986.58</i>
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Electrocardiography Department:

Salaries and Wages	\$11,261.30
Supplies	7,127.06

<i>Total Electrocardiography Department</i>	<i>18,388.36</i>
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Department of Laboratories:

Salaries and Wages	\$270,427.93
Supplies	73,933.41

<i>Total Department of Laboratories</i>	<i>344,361.34</i>
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<i>Provisions</i>	<i>682,125.16</i>
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Dietary Department:

Salaries and Wages	\$219,865.10
Supplies	9,873.11

<i>Total Dietary Department</i>	<i>229,738.21</i>
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Housekeeping Department:

Salaries and Wages	\$193,352.59
Furniture and Housefurnishings	117,748.83
Crockery and Silverware	15,401.78
Beds and Bedding	12,018.97

<i>Total Housekeeping Department</i>	<i>338,522.17</i>
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Laundry Department:

Salaries and Wages	\$92,139.70
Supplies	11,686.81

<i>Total Laundry Department</i>	<i>103,826.51</i>
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General House and Property Expenses:

Salaries and Wages.....	\$208,672.46
Renewals and Repairs	244,355.99
Light, Heat and Power	169,688.51

Total General House and Property \$622,716.96

Insurance 34,798.47

Contributions to Employees' Retirement Fund and Social Security Taxes 114,274.82

Auditing and Accounting Department:

Salaries and Wages	\$103,599.99
Sundries	24,372.86
Stationery and Printing	3,977.62
Postage	7,530.61

Total Auditing and Accounting Department 139,391.08

Total Hospital Operating Disbursements \$5,335,055.35

HOSPITAL OPERATING RECEIPTS:

From Patients in:

Private Pavilion	\$1,677,132.74
Semi-Private Pavilion	1,085,052.02
Ward	873,386.28
Out-Patient Department	170,258.07

Total from Patients \$3,805,829.11

From Other Services 71,679.30

Total Hospital Operating Receipts 3,877,508.41

Hospital Operating Deficit \$1,457,546.94

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1951

OPERATING DISBURSEMENTS:

* Payroll:

Graduate Nurses	\$77,995.32
Student Nurses	18,607.58
Health Service	3,500.00
Office Assistants	7,929.82
Housekeeping	63,713.72
Tuition	43,494.18

\$215,240.62

Sundries	2,504.77
Stationery and Printing	1,751.98
Household Supplies	7,777.16
Telephone	2,271.68
Books	3,612.00
Uniforms	15,359.94
Graduation Exercises	1,350.91

Total Operating Disbursements \$249,869.06

OPERATING RECEIPTS:

Matriculation Fees	15,865.00
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OPERATING DEFICIT \$234,004.06

* Includes only expenditures for teaching purposes. For cost of nursing service, see Hospital Operating Disbursements.

THE SOCIAL SERVICE AUXILIARY

TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1951

OPERATING DISBURSEMENTS:

Appliances	\$ 9,068.65
Extra Nourishment, Special Diets, etc.....	94.17
Convalescent Care	13,216.73
Relief (Emergency, Rent, Moving Expenses, Rehabilitation, etc.)	6,875.41
Shoes, Clothing, etc.	450.77
Transportation	885.70
Education and Recreation Supplies.....	1,060.51
Salaries	171,519.57
Workers' Expenses	1,037.07
Office Supplies (Including Stationery, Printing and Postage)	1,733.30
Affiliation Dues	160.00
Magazines, Newspapers and Incidentals.....	100.93

<i>Total Operating Disbursements.....</i>	<i>\$206,202.81</i>
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OPERATING RECEIPTS:

Refunds from Patients.....	2,799.74
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<i>Operating Deficit</i>	<i>\$203,403.07</i>
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SPECIAL ACCOUNT

Balance, January 1, 1951.....	\$1,659.89
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RECEIPTS:

Donations	11,350.44
Appropriations of Principal and Income of Special Funds	26,672.94

<i>Total Credits</i>	<i>\$39,683.27</i>
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DISBURSEMENTS:

Special Accounts	\$ 9,094.69
Summer Work	2,683.12
Transferred to Regular Account toward deficit	25,000.00

<i>Total Disbursements</i>	<i>\$36,777.81</i>
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Balance, December 31, 1951.....	\$ 2,905.46
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THE MOUNT SINAI HOSPITAL LADIES'
AUXILIARY SOCIETY TREASURER'S
REPORT

STATEMENT OF OPERATING DISBURSEMENTS

For the Year Ended December 31, 1951

OPERATING DISBURSEMENTS:	
Linens and Bedding	\$46,779.63
Wearing Apparel	18,400.65
	<hr/>
Total Operating Disbursements	\$65,180.28
	<hr/>
OPERATING DEFICIT	\$65,180.28
	<hr/> <hr/>

FORM OF BEQUEST

I give and bequeath to
The Mount Sinai Hospital
of the City of New York,
incorporated in 1852,

the sum of

.....

to be used for

.....

An Expression of Gratitude

THE following record of benefactions to the Hospital does not include gifts in support of new construction made through the Building Fund of the Federation of Jewish Philanthropies of New York. These will be recorded in the future, when the full list becomes available. Meanwhile, to all those who have so contributed, the Hospital expresses its deepest gratitude.

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BEQUESTS AND DONATIONS RECEIVED FOR SPECIAL PURPOSES DURING YEAR 1951

Donations of items other than money are included in the
GIFTS TO SOCIAL SERVICE beginning on page 134,
and in DONATIONS IN KIND on page 85.

Mrs. Otto Abraham—For non-budgetary purposes.....	\$ 50.00
Altman Foundation—For gastroenterology research.....	2,500.00
American Academy of Arts and Sciences—For Quantitative Micro- analysis of Keto-Steroids	1,000.00
American Academy of Arts and Sciences—For research in the field of Hibernation	350.00
American Cancer Society, Inc.—For research in X-ray diffraction...	5,336.00
American Cancer Society, Inc.—For Dosimetry with Radioactive Isotopes	3,750.00
American Heart Association, Inc.—For research in renal physiology	3,150.00
American Heart Association, Inc.—For Congestive Heart Failure Fund	1,312.50
American Heart Association, Inc.—For research in Edema.....	813.75
The American White Cross Laboratories, Inc.—For special podiatry equipment	50.00
Ames Company, Inc.—For the analysis of bile acid.....	1,500.00
Anonymous—For the 1951 Laboratory Completion Fund.....	750.00
Anonymous—For non-budgetary purposes.....	300.00
Anonymous—For the Aid and Relief Fund—School of Nursing...	300.00
Anonymous—For non-budgetary purposes.....	150.00
Anonymous—For non-budgetary purposes.....	150.00
Anonymous—For non-budgetary purposes.....	100.00
Anonymous—For books and literature on cancer.....	50.00
Anonymous—In memory of Mrs. Etta Gottlieb—For non-budgetary purposes	50.00
Anonymous—In memory of Mr. D. Alan Dillenberg—For non- budgetary purposes	25.00
Anonymous—For Anesthesiology Fund.....	25.00
Anonymous—In memory of Dr. Leo Kessel—For non-budgetary purposes	20.00
Anonymous—For non-budgetary purposes.....	15.00
Ar-Bee Men's Wear, Inc.—For non-budgetary purposes in the Chil- dren's Pavilion	1.00
Max L. and Albert H. Arnstein Foundation, Inc.—For Surgical "C" Research Fund	1,000.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

William E. Arnstein—For the 1951 Laboratory Completion Fund...	400.00
Mrs. Jack R. Aron—For the 1951 Laboratory Completion Fund.....	500.00
Langdon Aronsohn—For research concerning the treatment of neuroblastoma	250.00
Associated Alumni of The Mount Sinai Hospital—For Library.....	200.00
Atran Foundation, Inc.—Towards a fund of \$1,000,000.00 for the Atran Laboratory Building.....	120,000.00
Kurt Aufrichtig—For non-budgetary purposes.....	.60
Lew Auster—For Surgical "C" Research Fund.....	600.00
Carl J. Austrian—For the 1951 Laboratory Completion Fund.....	500.00
Mrs. Julian Bach, Jr.—In memory of Mr. Ralph Wolf—For non-budgetary purposes	10.00
The Louis D. Beaumont Foundation, Inc.—For the 1951 Laboratory Completion Fund	10,000.00
The Louis D. Beaumont Foundation, Inc.—For Surgical "A" Research Fund	2,500.00
Arthur M. Becker—In memory of Mrs. Frances Becker—For cancer research	200.00
Dr. Morris B. Bender—For neurological research.....	20.00
Robert Bendheim—For the 1951 Laboratory Completion Fund.....	5,000.00
Robert Bendheim—In memory of Mrs. Michton—For non-budgetary purposes	25.00
Miss Harriet M. Bensley—For the Dr. Eli Moschowitz Fund.....	25.00
Estate of Dr. A. A. Berg—In memory of Dr. Henry W. Berg—Towards a fund of \$500,000.00 for the Berg Institute of Research	100,000.00
Estate of Dr. A. A. Berg—For the Dr. A. A. Berg Memorial Volume	4,630.00
George B. Bernheim—For the 1951 Laboratory Completion Fund..	10,000.00
Alvin L. Blume—In memory of Mrs. Dorothy L. Silberman—For non-budgetary purposes	100.00
John Boggiano—For the Dr. Eli Moschowitz Fund.....	500.00
Dr. George Branawer—For gout research.....	50.00
Brandwein-Mazur Company—For Surgical "A" Research Fund....	25.00
Miss Nora Brennan and Miss Edythe Hughes—In memory of Mr. Waldemar Kops—For the Greater Mount Sinai Hospital Development Fund	25.00
Brookdale Foundation—For special purposes in the Gastroenterology Research Laboratory	1,000.00
Alma S. and Louis M. Brown Foundation, Inc.—For research in physical medicine	500.00
Cy Caine and Harry Steger Foundation, Inc.—For neurological research	1,100.00
Alfred R. Callender—For non-budgetary purposes.....	1,000.00
Camillus Cutlery Co.—In memory of Mr. Adolph Kastor—For non-budgetary purposes in the research laboratory departments....	1,000.00
Cancer Philanthropic League, Inc.—For home care of cancer patients	10,000.00

Armando Cervi—For non-budgetary purposes of the Radiotherapy Department	500.00
Mr. and Mrs. Arthur J. Cohen—For the 1951 Laboratory Completion Fund	5,000.00
Mrs. J. Coleman—For Surgical "A" Research Fund.....	1,000.00
Dr. Ralph Colp—For the 1951 Laboratory Completion Fund.....	2,500.00
Dr. Ralph Colp—In memory of Miss Bertha Brenner—For Surgical "C" Research	10.00
Harold S. Cone—For Research Fund.....	50.00
Sheldon R. Coons—In memory of Sergeant Sheldon R. Coons, Jr.—For the 1951 Laboratory Completion Fund.....	2,489.06*
Sheldon R. Coons—In memory of Mr. Irving J. Seskis—For non-budgetary purposes	25.00✓
Dr. Alfred T. Corvin—For non-budgetary purposes.....	50.00
Ernest J. Cramer—For non-budgetary purposes.....	20.00
Mr. and Mrs. Clement S. Crystal—In honor of the Golden Wedding Anniversary of Mr. and Mrs. Benjamin S. Moss—For cancer research	100.00
Joseph F. Cullman, Jr.—For the 1951 Laboratory Completion Fund..	4,800.00*
Joseph F. Cullman, Jr.—For educational purposes.....	1,210.00
The Charles E. Culpeper Foundation, Inc.—For non-budgetary purposes	200.00
Mrs. J. Clarence Davies—For the Dr. Eli Moschcowitz Fund.....	100.00
Mr. and Mrs. J. Clarence Davies, Jr.—For the Dr. Eli Moschcowitz Fund	25.00
Dazian Foundation for Medical Research—For Fellowships.....	4,800.00
Joseph Deitch—For non-budgetary purposes.....	25.00
Bernard E. Denzer—In memory of Dr. Bernard S. Denzer—For non-budgetary purposes	10.00
Estate of Leo L. Doblin—For Leo L. Doblin Endowment Fund for Research Work (additional)	553.64
Irving Ehrlich—In memory of Mr. Alexander Somach—For non-budgetary purposes	100.00
Mr. and Mrs. Benjamin Einhorn—In memory of Mr. Morris Cohn—For non-budgetary purposes in the Blood Bank.....	10.00
Joseph Eisenberg—For gout research.....	100.00
Mr. and Mrs. Arthur K. Ettlinger—For non-budgetary purposes....	20.00
Evaporated Milk Association—For research in virus diarrhea of the newborn	1,875.00
Mrs. Jessica Feingold—In memory of Mr. Leo Weill—For non-budgetary purposes	15.00
David Feldman—For neurological research.....	25.00
Mr. and Mrs. James Felt—For the 1951 Laboratory Completion Fund	6,000.00
Mrs. A. Leon Fergenson—For the Dr. Eli Moschcowitz Fund.....	25.00
Morris Finkelstein and Sons Foundation, Inc.—For non-budgetary purposes	150.00
Arthur Fischer—For neurological research.....	250.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

E. B. Fisher—For gout research.....	250.00
Dr. Morton Fleischman—For neurosurgery research.....	500.00
Isidore Forman—For non-budgetary purposes.....	225.00
Frederick D. Forsch—For the 1951 Laboratory Completion Fund...	1,118.75*
Mrs. Henri Fournier—In honor of the first birthday of grandson, Stephen E. Barlow—For non-budgetary purposes.....	5.00
The Jules Fribourg Memorial Fund—For research on arthritis.....	1,500.00
Mr. and Mrs. Harry G. Friedman—For psychiatry research.....	250.00
Mr. and Mrs. Harry G. Friedman—For the Iodine Research Fund..	200.00
Mr. and Mrs. Harry G. Friedman—In honor of Dr. B. S. Oppen- heimer—For General Research Fund.....	200.00
A Friend of the Dr. Joseph Brettauer Fellowship Fund—Given in his memory	1,200.00
Percy M. Frowenfeld—In memory of Clara Dickson—For the Dr. Eli Moschcowitz Fund.....	50.00
George F. Geis—For the 1951 Laboratory Completion Fund.....	100.00
Louis Gianazza—For gout research.....	25.00
Walter C. Gibson—For the 1951 Laboratory Completion Fund.....	250.00
Mrs. Leon Henri Goldberg—For neurosurgery research.....	150.00
Dr. Morris A. Goldberger—For Gynecology Research Fund.....	8.00
Mrs. Melanie Goldman—In memory of Mr. Sidney S. Prince—For non-budgetary purposes	25.00
The Josephine E. Gordon Foundation—For virus research in the Pediatric Research Laboratory.....	5,000.00
Leo Gottlieb—For the 1951 Laboratory Completion Fund.....	1,250.00
Mrs. William Gratz—In memory of Mr. Albert Fries—For non- budgetary purposes	10.00
Harold E. Gray—For the Greater Mount Sinai Hospital Develop- ment Fund	500.00
Harold E. Gray—In memory of Mr. Lawrence L. Goldsmith—For cancer research	250.00
Harold E. Gray—For non-budgetary purposes.....	40.00
A. E. Greene—In memory of Mr. and Mrs. Meyer Grossman—For non-budgetary purposes	105.00
Harry J. Greenman—For neurological research.....	250.00
Mrs. Harold D. Greenwald—For virus research in the Pediatric Research Laboratory	25.00
Mrs. Nettie L. Greenwald—For non-budgetary purposes.....	30.00
Employees of Grossingers—In memory of Mr. Morris Maltzman— For cancer research.....	19.30
Dr. Harry K. Grottewit—For neurosurgery research.....	250.00
The Daniel and Florence Guggenheim Foundation—For the 1951 Laboratory Completion Fund.....	100,000.00
Mrs. Simon Guggenheim—For the 1951 Laboratory Completion Fund	25,000.00
B. Haar—For neurological research.....	25.00

Mr. and Mrs. Phillip W. Haberman, Jr.—In memory of Mrs. Eva Manges—For non-budgetary purposes.....	25.00 ✓
Mr. and Mrs. Phillip W. Haberman, Jr.—In memory of Mrs. Sarah Dietz—For non-budgetary purposes.....	25.00 ✓
Harvard Combined Charities Drive—For non-budgetary purposes..	2.00
George Haudek—For gout research.....	25.00
The Heckscher Foundation for Children—For The Heckscher Formula Room in the new Maternity Pavilion.....	15,000.00
Estate of Eugene A. Hellman—For cancer and cardiac research (additional)	50.00
Joseph Herman—In memory of Mrs. Anna S. Herman—For Surgical "A" Research Fund.....	25.00
Mrs. Thomas B. Hess—For the Dr. Eli Moschowitz Fund.....	150.00
Mr. and Mrs. David M. Heyman—For the 1951 Laboratory Completion Fund	18,487.50*
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Ralph Wolf—For non-budgetary purposes	25.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. D. Alan Dillenberg—For non-budgetary purposes.....	20.00
Hilson Fund, Inc.—For the 1951 Laboratory Completion Fund....	4,000.00
Hilson Fund, Inc.—In memory of Dr. Otto Koenig—For non-budgetary purposes	100.00
Henrietta and Stuard Hirschman Foundation—For the 1951 Laboratory Completion Fund	1,000.00
Mr. and Mrs. Leonard A. Hockstader—For the 1951 Laboratory Completion Fund	4,334.76*
Samuel Holland—For neurological research.....	250.00
Dr. A. Hyman—For Electrocardiograph Research Fund.....	250.00
Malcolm A. Jacobson—For podiatry equipment.....	10.00
Ja-Da Dress Company—For cancer research.....	30.00
Jeryal Dress Company, Inc.—For cancer research.....	25.00
Carl Joffe—For non-budgetary purposes.....	50.00
Miss Alice M. Johnston—For the Dr. Eli Moschowitz Fund.....	100.00
J. W. Jonasson—For non-budgetary purposes.....	20.00
Archie O. Joslin—For Surgical "A" Research Fund.....	250.00
William Kadin—For Research Fund.....	100.00
George Kamen—For non-budgetary purposes.....	10.00
David Kapp—For Psychiatric Service—non-budgetary purposes....	25.00
Patrons of Karlak's Restaurant—For cancer research.....	44.23
Mrs. Sadie Kaufax—For non-budgetary purposes.....	25.00
Lawrence Kaufman, Jr.—For non-budgetary purposes.....	15.00
Mr. and Mrs. Danny Kaye—For Surgical "A" Research Fund.....	250.00
Miss Eleanor Kerrigan—In memory of Sergeant Sheldon R. Coons, Jr.—For the 1951 Laboratory Completion Fund.....	100.00
Robert J. Kiernan—For Surgical "C" Research Fund.....	200.00
Dr. Emory Klein—For pediatric research.....	25.00

E. C. Kligerman—For neurological research.....	300.00
The Esther and Joseph Klingenstein Fund, Inc.—For the 1951 Laboratory Completion Fund	30,000.00
Mr. and Mrs. Henry S. Klingenstein—In memory of Mrs. Charles Klingenstein and Mrs. Richard Hirsch—For non-budgetary purposes	20.00
Estate of Magdalene M. Klingenstein—For Maternity Pavilion (additional)	117,230.04
Mrs. Waldemar Kops—In memory of Mr. Waldemar Kops—For non-budgetary purposes	1,056.13*
Dr. and Mrs. Eugene R. Kraus—In memory of Mr. Sigmund Wimmelbacher—For non-budgetary purposes.....	10.00
Dr. and Mrs. Eugene R. Kraus—In memory of W. Robert Blum, Jr.—For research in leukemia.....	10.00
Walter H. Laband—In honor of Mr. Joseph Klingenstein's 60th birthday—For non-budgetary purposes.....	10,240.34*
Mortimer Lahm—For the 1951 Laboratory Completion Fund.....	760.45*
Landsman and Katz—For Research Fund.....	500.00
Mrs. Daniel Lang—For Electrocardiograph Research Fund.....	1,000.00
Dr. Joseph Laval—For The Greater Mount Sinai Hospital Development Fund	300.00
Dr. Joseph Laval—For non-budgetary purposes.....	200.00
Mr. and Mrs. George Lee—For the 1951 Laboratory Completion Fund	16,000.00
✓ Mr. and Mrs. George Lee—In memory of Mrs. Arthur O. Dietz—For non-budgetary purposes.....	10.00
Senator and Mrs. Herbert H. Lehman—For Electrocardiograph Research Fund	2,000.00✓
Benjamin Leibel—For neurological research.....	500.00
Dr. Julius Lempert—For Medical Education Fund.....	200.00
Alvin Leventhal—For gout research.....	25.00
Harold Levi—For Research Fund.....	500.00
Mrs. Morris Levine—For psychiatry research.....	10.00
Yetta Levine—For Surgical "A" Research Fund.....	300.00
Adele R. Levy Fund, Inc.—In honor of Dr. Eli Moschcowitz—For the 1951 Laboratory Completion Fund—Endocrinology Laboratory	25,000.00
Daniel Levy—For The Greater Mount Sinai Hospital Development Fund	10.00
Mrs. Samuel D. Levy—In memory of Dr. A. A. Berg—To provide recent House Staff Graduates with subscriptions to the Journal of The Mount Sinai Hospital.....	50.00
Mrs. Samuel D. Levy—For the Dr. Albert A. Berg Memorial Volume	35.00
Levy and Rappel, Inc.—For special podiatry equipment.....	20.00
Emanuel Libman Fellowship Fund, Inc.—In memory of Dr. Emanuel Libman—For the Dr. Emanuel Libman Fellowship..	4,000.00

Mr. and Mrs. Max Liebman—In memory of Mr. Alexander Somach— For non-budgetary purposes.....	25.00
Dr. Alfred J. Liebmann—For gout research.....	200.00
Life Insurance Medical Research Fund—For investigation on the biology of the connective tissue.....	6,825.00
Dr. Jacob Liff—For the 1951 Laboratory Completion Fund.....	100.00
William List—For hematology research.....	500.00
Adeline and Carl M. Loeb Foundation—For the 1951 Laboratory Completion Fund	25,000.00
Henry A. and Louise Loeb—For the 1951 Laboratory Completion Fund	5,000.00
Adolf Lorch—In memory of Dr. A. A. Berg—For Research Fund. . .	50.00
Leon Lowenstein Foundation, Inc.—For the 1951 Laboratory Com- pletion Fund	10,000.00
Leon Lowenstein Foundation, Inc.—For Surgical "A" Research Fund	2,500.00
William Lydgate—For gout research.....	25.00
Mrs. A. G. Machlin—For research in physiological hematology.....	100.00
Madison Leasing Corporation—For the study of uveitis and iritis..	50.00
Mrs. Marcus M. Maier—For neurological research.....	25.00
J. L. Mailman—For Surgical "A" Research Fund.....	122.00
The Mainzer Minton Trust—For the effect of cortisone upon experi- mental poliomyelitis	1,000.00
Lee Maltzman Family—In memory of Mr. Morris Maltzman—For cancer research	40.70
Maltzman Family Circle—In memory of Mr. Morris Maltzman—For cancer research	15.00
The Manual Faculty and The Office Staff of Manual Training High School—In memory of Dr. Abraham Unger—For non-budgetary purposes in the Out-Patient Department.....	15.00
Mrs. Max Margolis—In memory of Mr. Jack Goff—For the cancer clinic	10.00
Mrs. Margaret Marton—In memory of Mr. Otto Marton—For cancer research	50.00
Dr. and Mrs. Arthur M. Master—For Electrocardiograph Research Fund	3,020.35
Miss Grace M. Mayer—In memory of Dr. Leo Kessel—For non- budgetary purposes	10.00
The Mayers Fund, Inc.—For Surgical "A" Research Fund.....	500.00
Mrs. Florence G. Mendelsohn—In memory of Annette S. Mendel- sohn—For books and literature on cancer.....	50.00
Mrs. Florence G. Mendelsohn—In memory of Dr. Harry A. Gold- berg—For books and literature on cancer.....	25.00
Mrs. Lester Meyer—In memory of Mr. Albert Schwartz—For non- budgetary purposes	3.00
Samuel C. Miller—For non-budgetary purposes.....	100.00
Joseph Milner—For non-budgetary purposes.....	100.00

Modern Dress Company—For cancer research.....	25.00
Mrs. Joseph Morrison—In memory of her parents, Solomon and Yetta W. Rosalsky—For non-budgetary purposes.....	50.00
Henry and Lucy Moses Fund, Inc.—For clinical study of myasthenia gravis	1,000.00
Mrs. Charles B. Moss—In memory of Annette S. Mendelsohn—For cancer research	50.00
Mrs. Charles B. Moss—In memory of Mrs. Lena Kaplan—For cancer research	10.00
Mrs. Charles B. Moss—In memory of Mr. Robert Libson—For cancer research	10.00
Mrs. Joseph Nash—In memory of Sarah F. Levy—For non-budgetary purposes	5.00
The National Foundation for Infantile Paralysis, Inc.—For the effect of cortisone on experimental poliomyelitis.....	96,911.00
The National Foundation for Infantile Paralysis, Inc.—For the study of water metabolism in poliomyelitis.....	41,819.00
Mrs. B. Neibart—In memory of Mrs. Panish—For non-budgetary purposes	5.00
Mrs. Albert Netzer—For non-budgetary purposes.....	50.00
Employees New-Era Hats, Inc.—In memory of Mr. Morris Maltzman—For cancer research.....	25.00
New York City Cancer Committee of The American Cancer Society, Inc.—For support of Cancer Detection Center.....	8,598.50
New York Foundation—For laboratory equipment for research in diseases from which the aged frequently suffer, such as cancer, senility and other mental disorders, and other diseases to which the aged are prone.....	200,000.00
New York Heart Association, Inc.—For study in blood pressure in persons 65 years of age and over.....	9,500.00
Jerome H. Oppenheimer—For non-budgetary purposes.....	100.00
Jerome H. Oppenheimer—For non-budgetary purposes in the Children's Pavilion	50.00
Mrs. Josephine Ostrie—For cancer research.....	10.00
The Overbrook Foundation—For Electrocardiograph Research Fund	9,000.00
Meyer C. Parkoff—For Psychiatry Research Fund.....	35.00
Dr. Samuel M. Peck—For Dermatologic Research Fund.....	500.00
Dr. M. Murray Peshkin—In honor of Dr. Bela Schick's birthday—For the Dr. Bela Schick Lectureship Fund.....	100.00
Petersam Dress Company—For cancer research.....	50.00
Lucile and Maurice Pollak Fund—For non-budgetary purposes....	60.00
J. A. Rabinovich—For Electrocardiograph Research Fund.....	200.00
William C. Ragals—For Research Fund.....	200.00
Dr. Henry Reiss—For non-budgetary purposes.....	100.00
Sidney Rheinsein—For the 1951 Laboratory Completion Fund.....	3,562.50*
Dr. Benjamin Richman—For non-budgetary purposes.....	100.00
Dr. Maxwell Roland—For Surgical "A" Research Fund.....	150.00

Alfred L. Rose—In memory of Mr. Charles A. Riegelman—For non-budgetary purposes	365.05
Alfred L. Rose—In memory of Mr. Sigmund Wimbacher—For non-budgetary purposes	50.00
Mrs. Alfred L. Rose and Mrs. Walter Mendelsohn—For the Dr. Eli Moschowitz Fund	50.00
Mr. and Mrs. Francis Rosenbaum—For non-budgetary purposes.....	60.00
Murray M. Rosenberg—For the 1951 Laboratory Completion Fund..	10,437.50*
Estate of Celia M. Rosenbloom—For Psychiatric Service—For non-budgetary purposes	625.00
Dorothy H. and Lewis S. Rosenstiel Foundation—In memory of Solon M. Rosenstiel, Eliza J. Rosenstiel, Dorothy H. Rosenstiel and Lewis S. Rosenstiel, Jr.—For a non-budgetary activity to be determined	100,000.00
Dorothy H. and Lewis S. Rosenstiel Foundation—For gout research	1,000.00
The Rosenstock Memorial Foundation, Inc.—For plethysmographic studies	6,000.00
Ross-Harris, Inc.—For podiatry research.....	10.00
S. and S. Machinery Co.—For neurological research.....	4,600.00
S. and S. Machinery Co.—For neurosurgical research.....	2,000.00
Henry Sadowsky—For Surgical "C" Research Fund.....	250.00
Henry Sadowsky—For hematology research.....	150.00
Joseph Saladino—For neurological research.....	50.00
Sanborn Company—For Electrocardiograph Research Fund.....	300.00
F. W. Sandler—In memory of Mr. Morris Cohn—For non-budgetary purposes in the Blood Bank.....	10.00
Schenley Laboratories, Inc.—For research on antibiotics and other chemotherapeutics	9,000.00
Mrs. Emy Schlossinger—For Research Fund.....	100.00
Estate of Edith H. Schneider—In memory of Grace and Edith Schneider—For non-budgetary purposes.....	250.00
Isaac Schneierson Foundation—For the 1951 Laboratory Completion Fund	7,500.00
Samuel S. Schneierson—For the 1951 Laboratory Completion Fund	5,000.00
Mr. and Mrs. William D. Scholle—For the 1951 Laboratory Completion Fund	9,000.00
Mr. and Mrs. Ira A. Schur—For the 1951 Laboratory Completion Fund	3,462.50*
Mr. and Mrs. Ira A. Schur—In memory of Mr. Harry Meyers—For non-budgetary purposes	25.00
Mr. and Mrs. William Schwab—In memory of Mrs. Richard J. Blum—For non-budgetary purposes	5.00
G. D. Searle & Company—For the investigation of Banthine.....	5,400.00
G. D. Searle & Company—For gastro-intestinal research.....	2,500.00
Mr. and Mrs. Charles Segal—For the 1951 Laboratory Completion Fund	500.00*
Dr. Gabriel P. Seley—For The Greater Mount Sinai Hospital Development Fund	82.50

Mrs. George A. Seligmann—In memory of Mrs. Emmy-Lou Homan Barry—For cancer research.....	10.00
Shal-Aide Society, Inc.—For purchase of equipment for cardiac surgery	1,500.00
Mr. and Mrs. Irving Sheraga—For non-budgetary purposes on the Pediatric Service	100.00
Smith Periodical Fund—For Library Fund.....	22.00
Ira J. Sobol—For neurological research.....	35.00
Dr. Max L. Som—For neurological research.....	25.00
Employees of Sport-Craft, Inc.—For cancer research.....	279.00
Sport-Craft, Inc.—For cancer research.....	125.00
Mrs. Clara Staff—For cancer research.....	15.00
Mrs. Edwin Steefel—In memory of Dr. Jacob L. Maybaum—For the Ear, Nose and Throat Department.....	5.00
Mrs. Sadye Steger—For neurological research.....	200.00
Stepping Stone Society—For non-budgetary purposes.....	3,616.00
Leo C. Stern—For the 1951 Laboratory Completion Fund.....	2,500.00*
Estate of Pauline O. Stern—For the Pauline O. Stern Research Fund (additional)	999.75
Dr. Louis Sternberg—For non-budgetary purposes.....	10.00
Jacob C. Stone—For the 1951 Laboratory Completion Fund.....	1,000.00
Hugh Grant Straus—For the 1951 Laboratory Completion Fund....	200.00
Martha Washington Straus-Harry H. Straus Foundation, Inc.—For Surgical "A" Research Fund.....	3,000.00
Martha Washington Straus-Harry H. Straus Foundation, Inc.—In loving memory of Mr. Leon King—For non-budgetary purposes	100.00
Mr. and Mrs. Nathan Straus—For the 1951 Laboratory Completion Fund	1,000.00
Oscar S. Straus, II—For the 1951 Laboratory Completion Fund.....	500.00
The Roger and Gladys Straus Foundation, Inc.—For the 1951 Laboratory Completion Fund	55,000.00
Mrs. M. J. Stroock—In memory of Mr. Moses J. Stroock—For Surgical "C" Research Fund.....	10.00
Mrs. M. J. Stroock—In memory of Mr. George Bernard—For Surgical "C" Research Fund.....	5.00
Mr. and Mrs. Milton M. Stuart—For Surgical "C" Research Fund...	250.00
Dr. Sidney Tarachow—For neurological research.....	50.00
Mrs. Bertha Tausend—For the purchase of a Scopicon.....	1,832.50*
Felix Tausend and Sons—For non-budgetary purposes.....	100.00
Dr. William Thalhimier—For neurosurgery research.....	250.00
Dr. William Thalhimier—For neurological research.....	100.00
Dr. William Thalhimier—For radiotherapy research.....	100.00
Benjamin Tick—For gout research.....	100.00
Mr. and Mrs. Edwin Trent—For Surgical "C" Research Fund.....	100.00
Mr. and Mrs. Edwin Trent—In memory of Mrs. Hannah Wolf—For non-budgetary purposes	10.00

Mr. and Mrs. Edwin Trent—In memory of Mrs. Eleanor Boardman—For non-budgetary purposes	5.00
Leon Ullman—In memory of Grace Ullman—For non-budgetary purposes	10.00
United Hospital Fund—Additional contribution under the "direct benefit" plan	7,503.79
U. S. Atomic Energy Commission—For investigation of drug eruption	6,369.00
U. S. Atomic Energy Commission—For investigation of sewage water contamination by radioactive isotopes.....	2,325.04
U. S. Atomic Energy Commission—For dosimetry with radioactive isotopes	561.20
United States Office of Naval Research—For research to study heat-stable proteins and enzymes of bacteria.....	1,457.50
U. S. Public Health Service—For studies on the Dr. Schwartzman's Phenomenon	29,314.00
U. S. Public Health Service—For Research in Uric Acid Metabolism in Chronic Gouty Arthritis.....	28,000.00
U. S. Public Health Service—For research in gastric cancer.....	15,332.93
U. S. Public Health Service—For Psychodynamics of Experimental Asthma in Man	11,448.00
U. S. Public Health Service—For the role of the protective mucous barrier in the etiology of experimental peptic ulcer.....	11,070.00
U. S. Public Health Service—For research on the effect of ACTH and cortisone on liquid metabolism.....	9,050.00
U. S. Public Health Service—For endocrinology research.....	8,302.95
U. S. Public Health Service—For the study of Digital Circulation and Renal Transplant in order to elucidate the mechanism of hypertension	8,100.00
U. S. Public Health Service—For research on hereditary hypercholesterolemia	6,372.00
U. S. Public Health Service—For immunochemical studies of ragweed pollen extracts, chromatographic separation of active constituents	5,070.00
U. S. Public Health Service—For Ground Substance Research Fund	4,590.00
U. S. Public Health Service—For research in diamidine.....	2,150.00
U. S. Public Health Service—For research on homeostasis in the pathogenesis of visceral lesions.....	999.00
U. S. Public Health Service—For pathology research.....	540.00
Bella and Israel Unterberg Foundation, Inc.—In memory of Bella and Israel Unterberg—For the Maternity Pavilion.....	5,000.00
Mrs. Harold Uris—For psychiatric research.....	50.00
Victor Steel Products Corp.—For non-budgetary purposes.....	25.00
Edwin C. and Florence G. Vogel Fund, Inc.—For psychiatric research	100.00
Vollbrachts Custom Shoe Corp.—For podiatry research.....	5.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

The Sadie Baron Wakefield and George P. Wakefield Foundation Memorial Trust Fund—In memory of Mrs. Sadie Baron Wake- field's Birthday—For metabolism research.....	1,500.00
Dr. Johanne Waldemar—For the Iodine Research Fund.....	100.00
Wasserman Charitable Foundation—For the Anna Ruth Lowenberg Fellowship Fund	2,500.00
Mrs. Morton S. Webster—In memory of Mr. Abraham Adelberg— For the Dr. Eli Moschowitz Fund.....	25.00
Dr. Israel S. Wechsler—For neurological research.....	301.53
Sidney Weiner—For non-budgetary purposes.....	5.00
Mrs. Rose E. Weinstein—For non-budgetary purposes.....	20.00
David L. Weisman—For non-budgetary purposes.....	100.00
Dr. Frederick L. Whiting—In memory of his father, Dr. Frederick Whiting—For non-budgetary purposes.....	25.00
William Whitman Co., Inc.—For research in physiological hema- tology	1,500.00
Mr. and Mrs. Lewis Wilding—In memory of Dr. A. A. Berg—For Research Fund	100.00
Mrs. Charles A. Wimpfheimer—For the 1951 Laboratory Completion Fund	5,000.00
Mrs. Charles A. Wimpfheimer—In memory of Mr. Edwin Weil— For non-budgetary purposes	10.00
Harold D. Wimpfheimer—For the 1951 Laboratory Completion Fund	4,882.50*
Dr. and Mrs. Seymour Wimpfheimer—In memory of their parents, Waldemar Kops and Frieda and Edward Wimpfheimer—For non-budgetary purposes	2,000.00
Nat Winarik—For gout research.....	100.00
Miss Pauline Wolf—In memory of Mr. Morris Segall—For Psy- chiatry Research Fund.....	2.00
Miss Sally Wolfe—For Gynecological Research Fund.....	1,000.00
The Workmen's Circle—For non-budgetary purposes.....	200.00
Wyeth, Incorporated—For gastroenterology research.....	2,800.00
Wyeth, Incorporated—For special purposes in the Gastroenterology Research Laboratory	200.00
Mrs. Walter D. Yankauer—In memory of the birthday of her grand- mother, Mrs. Joseph B. Bloomingdale—For Research Fund.....	25.00
Dr. T. F. Yu—For gout research.....	10.00
Charles Zinaman—For non-budgetary purposes.....	58.00
<i>Total</i>	<u><u>\$1,574,976.34</u></u>

* Represents in whole or in part securities donated; stated at approximate market value at time of donation or net proceeds of sale of such securities.

MISCELLANEOUS DONATIONS RECEIVED DURING YEAR 1951

Anonymous	\$ 10.00
Mr. and Mrs. Frederick B. Biver.....	25.00
Mrs. Henry Boehm—In memory of Dr. Bernard S. Denzer.....	10.00
Leonard Brody—In memory of Elaine Katz.....	10.00
Mrs. Frederick N. Burke—In memory of Mrs. Gussie Levy.....	10.00
Mortimer Lahm—In memory of Bertha Lauber.....	10.00
Pearson E. Neaman.....	25.00
Saul Shullman	10.00
Abraham Silberstein—In memory of Julia M. Cohn.....	10.00
Miscellaneous Donations (Less than \$10.00).....	36.00
 Total	 \$ 156.00

DONATIONS IN KIND

Dr. Ira Cohen—Operating Chair
 Joseph F. Cullman, Jr.—Cigarettes as Christmas gift to all personnel
 Dr. Gilman S. Currier—Ultraviolet Lamp
 Arthur O. Dietz—Wheelchair and a Scale
 Dr. John H. Garlock—Subscriptions to the Philharmonic Symphony Concerts for
 the House Staff and the Nurses
 Sidney Goldman—Television Set
 Ira E. Goldstein—Bed, Wheelchair, Oxygen Mask and Oxygen Valve
 Bertram J. Goodman—Microscope
 Mrs. Hattie Harnstadt—Electric Fan
 Mrs. Eleanor Kubie—Wooden Folding Wheelchair—In memory of her mother,
 Mrs. Paul Gottheil
 Mrs. May Lisk—Oxygen Equipment—In memory of her father, Mr. Nathan
 Gordon
 A. A. List—Furniture
 U. S. Atomic Energy Commission—Radioactive Materials

DONATIONS TO SOCIAL SERVICE DURING YEAR 1951

FOR NON-BUDGETARY PURPOSES

Anonymous	\$ 1.00
Anonymous	5.00
Anonymous (In memory of Mr. Henry Oppenheimer)	5.00
Anonymous (In memory of Louise's birthday)	10.00
Anonymous	25.00
Anonymous	50.00
Mrs. Otto Abraham	25.00
Mrs. Jack R. Aron	325.00
Mrs. Jesse Asinof	25.00
Mrs. Arthur H. Aufses (In honor of grandson, Arthur III)	7.50
Mrs. Ina August	2.00
Mr. Julius S. Bach, Jr. (In memory of late father of Mr. Murray Rosenberg)	10.00
Mrs. Paul Baerwald	560.00
Mrs. Robert M. Benjamin	165.00
Mrs. Robert E. Binger	225.00
Mrs. Robert G. Blumenthal	35.00
Mrs. Myron I. Borg	275.00
C. S. Bresnick (In memory of Mr. Herman Scheer)	100.00
Mrs. William M. Cahn, Jr.	25.00
Children of "Sunbeam House"	30.00
Mr. and Mrs. Paul Cicchetti	15.00
Mrs. Arthur J. Cohen	550.00
Miss Erna C. Cohn	5.00
Mrs. Leonard A. Cohn	525.00
Mrs. Ralph Colp (In memory of Mr. Jerome Jackson)	10.00
Mrs. Alfred A. Cook	1,100.00
Mrs. Joseph F. Cullman, 3rd	415.00
Mrs. Charles Deitsch (In memory of Mrs. Martha Osborne)	10.00
Mrs. Clifton Frank (In memory of Mr. S. Wimmelbacher)	5.00
Gaisman Foundation, Inc.	100.00
Mrs. Henry S. Glazier	1,075.00
Mrs. Samuel Goldberg (In memory of Mrs. Etta Cohen)	5.00
Mrs. Irving W. Goodfield (In memory of parents, Sarah and Simon Seide)	25.00
Mrs. John A. Herrmann	25.00
Mr. and Mrs. Steven J. Hirsch	100.00
Mrs. Walter A. Hirsch	575.00
Dr. Godel I. Hunter	5.00

Mrs. Henry Ickelheimer	50.00
Mrs. Hugo Kastor	175.00
Mrs. Richard Kaye Korn (In memory of Mr. Walter A. Hirsch and Mrs. Levi Mayer)	15.00
Mrs. Alan H. Kempner	425.00
Mrs. Robert H. Kridel	10.00
Mrs. Stanley Kronheim	10.00
Mrs. George Lee	275.00
Miss Rae Lefkowitz (In memory of the second anniversary of the death of Mr. Samuel E. Jacobs)	5.00
Mrs. Herbert H. Lehman	800.00
Mr. and Mrs. Jack Lerner (In memory of Mr. Sidney Lurie)	5.00
Mr. Carl Linder	10.00
Mrs. Louis M. Loeb	225.00
Mrs. Jerome I. Maier	15.00
Mrs. Gilda Mathias	2.00
Mrs. Arthur C. Mendelsohn (In memory of Mrs. Louis Rose)	10.00
Mrs. Arthur C. Mendelsohn (In memory of Mr. George Goldberg)	7.50
Mrs. Arthur C. Mendelsohn (In memory of daughter, Annette)	10.00
Mrs. Fanny L. Mendelsohn (In memory of Mr. Alfred A. Cook)	10.00
Mr. Frederic S. Nathan (In memory of Mr. Louis Surut)	25.00
Mrs. Victor S. Riesenfeld	325.00
Mrs. Melvin C. Robbins	5.00
Mr. and Mrs. Alfred L. Rose and Dr. and Mrs. Ralph Colp (On occasion of birthday of Mr. Samuel Bronfman)	50.00
Mrs. John Rosenthal	300.00
Mrs. Edward J. Rosenwald	25.00
Mrs. Sol S. Ross (In memory of mother, Mrs. Anna Rathkowitz)	20.00
Miss Edith Sachs	400.00
Mrs. William D. Scholle	385.00
Mrs. Hettie S. Schriebman	5.00
Mrs. Ira A. Schur (In memory of Dr. Irwin K. Gutmann)	5.00
Mrs. Ira A. Schur (In memory of mother)	10.00
Mrs. Ira A. Schur	10.00
Mrs. Henry Siegbert	225.00
Judge and Mrs. Jacob S. Strahl (In memory of Mr. Jack Selig)	5.00
Mr. Jacob C. Stone (In memory of Mr. George A. Seligmann)	10.00
Mrs. Frank L. Weil	215.00
Mrs. Leon Weil	100.00
Total	<u>\$10,630.00</u>

DEDICATED BUILDINGS

CHILDREN'S PAVILION

Erected in Loving Remembrance of
LEWIS EINSTEIN *and* MILLY EINSTEIN FALK
by HENRY L. EINSTEIN ... 1921

PRIVATE PAVILION

Dedicated to the Memory of
MEYER *and* BARBARA GUGGENHEIM
by their Children ... 1920

OUT-PATIENT BUILDING

Dedicated to the Memory of
MAYER LEHMAN
by his Children ... 1904

ADOLPH LEWISOHN PATHOLOGICAL
and LABORATORY BUILDING
Donated *by* ADOLPH LEWISOHN ... 1904-1922

AUDITORIUM

Dedicated to the Memory of

GEORGE BLUMENTHAL, JR.

by FLORENCE *and* GEORGE BLUMENTHAL ... 1920

LABORATORY BUILDING

Dedicated to the Memory of

ABRAHAM *and* AMELIA MEYERS ... 1938

CHILDREN'S CLINIC

Dedicated to the Memory of

FLORENCE HENRIETTA WALTER

and MARJORIE WALTER GOODHART

by their Parents

FLORENCE B. *and* WILLIAM I. WALTER ... 1916-1923

ESTABLISHMENT OF WARDS

THE CHARLES A. WIMPFHEIMER WARDS
For Surgical Treatment of
Diseases of the Stomach and Intestines
Founded by CHARLES A. WIMPFHEIMER ... 1916

THE ADOLPH BERNHEIMER
MEMORIAL WARD
Founded by his Daughter, ROSIE
February 16th, 1897

THE MRS. ADOLPH BERNHEIMER
MEMORIAL WARD
Founded by her Daughters
ROSIE BERNHEIMER *and* FLORENCE B. WALTER
February 16th, 1916

MAIN OPERATING ROOM
Dedicated to the Memory of
ISAAC *and* BABETTE BLUMENTHAL
By ALFRED, GUSTAV, HUGO, BENJAMIN,
and GEORGE BLUMENTHAL ... 1904

GENITOURINARY WARD
Dedicated to the Memory of
JOEL GOLDENBERG
By Provision in his Will ... 1904

THE SIMON ROTHSCHILD WARD
In Perpetuity ... 1905

THE EMANUEL LEHMAN
MEMORIAL WARD

Dedicated February 15th, 1911

Founded by

MRS. SIGMUND LEHMAN, MRS. EVELYN L. EHRICH,
MR. PHILIP LEHMAN

THE JOSEPH AND SOPHIA SACHS
MEMORIAL WARDS

Dedicated to the Memory of their Parents by
SAMUEL *and* HARRY SACHS ... 1913

THE ELIAS WARD

in this Ward Beds were Established

Three Beds in Memory of Raphael Elias

Three Beds in Memory of Sarah Elias

Three Beds in Memory of Robert F. Elias

Three Beds in Memory of Henry F. Elias

All Founded by the Provision in the Will of

HENRY F. ELIAS ... 1928

THE ALFRED AND HANNAH
BLUMENTHAL WARD

Founded 1922

THE LOUIS N. KRAMER MEMORIAL

Founded by Provision in his Will ... 1930

THE BELLA STIEFEL WARD

Provided in the Will of

BELLA STIEFEL

1939

ESTABLISHMENT OF ROOMS

Dedicated to the Memory of
LINA MEYER ASIEL
By ELIAS ASIEL ... 1904

THE EDWARD LAUTERBACH ROOM
Dedicated in Perpetuity by the Board of Trustees of
The Mount Sinai Hospital in Grateful Recognition of
His Eminent Services... 1904

Dedicated by
DISTRICT GRAND LODGE No. 1
INDEPENDENT ORDER FREE SONS OF ISRAEL
M. SAMUEL STERN, *Grand Master*
FOUR BEDS ... 1901

Dedicated for the Benefit of
THE ALUMNAE OF
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING
By MRS. MAX NATHAN ... 1904

Dedicated to the Alumnae of
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING

By
MR. AND MRS. CHARLES KLINGENSTEIN
1931, 1941 and 1947

In Memory of
ISAAC STRAUSS
1825-1876

Established by his Son
CHARLES STRAUSS ... 1934

In Memory of
HENRIETTA STRAUSS
1819-1893

Established by her Son
CHARLES STRAUSS ... 1934

THE JACOB AND HENRIETTA SNEUDAIRA ROOM

Founded by Provision in the Will of
MOSES J. SNEUDAIRA ... 1935

In Memory of
DAVID, ROSINE, LEOPOLD, MAX, BERTHA
and HENRIETTA OETTINGER

Established by
Estella Oettinger
1946

TABLETS

IN COMMEMORATION
OF DISTINGUISHED SERVICES RENDERED TO
AND LIBERAL BENEFACCTIONS BESTOWED UPON
THE MOUNT SINAI HOSPITAL

From 1852 to 1900

SAMPSON SIMSON
Founder of
THE MOUNT SINAI HOSPITAL
1852

HARRIS ARONSON
For Devoted Services
For More Than 20 Years
Died, Feb. 8, 1879, While President

LEWIS PHILLIPS
For his Generous Bequest
1866

EMANUEL B. HART
A Vice-President
For his Efforts in Obtaining Land
For the New Hospital in
1869

BENJAMIN NATHAN, President
And

MORRIS FATMAN, Treasurer
For Donations Which Initiated the
Permanent Fund in
1869

JUDAH TOURO
For his Liberal Bequest
1867

SARAH BURR
For her Many Benefactions
From 1886 to 1893

MICHAEL REESE
San Francisco
For his Liberal Bequest
1878

MAYER LEHMAN
For his Services
As a Director for 20 Years
And for his Liberal Contributions
1897
(Erected in Administration Building)

In Grateful Recognition
Of the
Generous Contributions
To this Library
By
NATHAN M. T. SONDHEIMER
of
Frankfort am Main
Germany
(Erected in Medical Library)

1904
 THE
 MOUNT SINAI HOSPITAL
 ORGANIZED AS THE JEWS HOSPITAL
 FEBRUARY 25th 1852
 LOCATED ON WEST 28th STREET
 BETWEEN 7th AND 8th AVENUE
 CORNER STONE LAID NOVEMBER 24th 1853
 DEDICATED MAY 17th 1855
 BUILDING COMMITTEE

HENRY HENDRICKS
 J. D. PHILLIPS JOHN M. DAVIES

HOSPITAL ON LEXINGTON AVENUE
 66th AND 67th STREETS
 CORNER STONE LAID MAY 25th 1870
 DEDICATED MAY 27th 1872

BUILDING COMMITTEE
 BENJAMIN NATHAN SAMUEL A. LEWIS
 JOSEPH FATMAN JOHN M. LAWRENCE
 EMANUEL B. HART LEWIS MAY

(Erected in Administration Building)

1904
 THE LADIES AUXILIARY SOCIETY
 OF THE
 MOUNT SINAI HOSPITAL
 DONORS IN MEMORIAM

ALVINA BARNET	RACHEL S. LEVY
SOPHIA BEER	ESTHER S. MOSES
ALINE BERNHEIM	CAROLINE NEUSTADTER
GUSTAVE BERNHEIM	RACHEL PFEIFFER
HENRIETTA COOK	JOSEPHINE ROTHSCHILD
CLARA GLAZIER	MATHILDE ROTHSCHILD
AMELIA KLINGENSTEIN	WILLIAM ROTHSCHILD
FANNIE LANGSDORF	HENRIETTE SELIGMAN
AMELIA LAVANBURG	NETTIE SELIGMAN
HANNAH LAVANBURG	HANNAH VOGEL
ROSA LEHMAN	HANNAH WISE
DAVID LEVENTRITT	CARRIE WORMSER

(Erected in Administration Building)

THE
MOUNT SINAI HOSPITAL

CORNER STONE LAID MAY 22nd 1901
DEDICATED MARCH 15th 1904

ISAAC WALLACH	PRESIDENT
ISAAC STERN	VICE PRESIDENT
DAVID WILE	SECOND VICE PRESIDENT
E. ASIEL	TREASURER
LEO ARNSTEIN	SECRETARY

DIRECTORS

HENRY GITTERMAN	ADOLPH LEWISOHN
SIMON ROTHSCHILD	ISAAC N. HEIDELBERG
MAX NATHAN	EMIL S. LEVI
GEORGE BLUMENTHAL	MURRY GUGGENHEIM
HERMAN MENDEL	JEFFERSON SELIGMAN
EDWARD OPPENHEIMER	HENRY MORGENTHAU
MORRIS S. BARNET	JACOB EMSHEIMER
HENRY R. ICKELHEIMER	JAMES SPEYER
MEYER H. LEHMAN	LOUIS M. JOSEPHTHAL
KALMAN HAAS	HUGO BLUMENTHAL
JOSEPH F. CULLMAN	CHARLES A. WIMPFHEIMER
JOSEPH FOX	M. SAMUEL STERN
ADOLPH HERRMANN	HONORARY DIRECTOR

BUILDING COMMITTEE

ISAAC STERN	CHAIRMAN
MAX NATHAN	ISAAC WALLACH
JOSEPH FOX	EDWARD OPPENHEIMER
SIMON ROTHSCHILD	ADOLPH LEWISOHN
ARNOLD W. BRUNNER	WILLIAM SCHICKEL
Architect	Consulting Architect

(Erected in Administration Building)

In Memory of
HENRY GITTERMAN

In Grateful Recognition of
Fifty Years' Service as a Director

1866-1916

(Erected in Administration Building)

1904
THE LADIES AUXILIARY SOCIETY
OF THE
MOUNT SINAI HOSPITAL

MRS. M. H. MOSES	PRESIDENT
MRS. J. A. COOK	1st VICE-PRESIDENT
MRS. LOUIS LAVANBURG	2nd VICE-PRESIDENT
MRS. JULIUS BEER	TREASURER
MRS. J. R. SELIGMAN	HON. SECRETARY

DIRECTRESSES

MRS. S. BANNER	MRS. S. KLINGENSTEIN
MRS. G. BERNHEIM	MRS. R. LIMBURGER
MRS. L. BERNHEIMER	MRS. O. S. LOEB
MRS. J. BRETTAUER	MRS. K. MANDEL
MRS. M. DITTENHOFFER	MRS. S. MARCKWALD
MRS. E. E. DREYFOUS	MRS. L. RANGER
MRS. JACOB ERDMAN	MRS. I. ROSENWALD
MRS. M. S. FECHHEIMER	MRS. V. H. ROTHSCHILD
MRS. J. FRANKENHEIMER	MRS. WM. ROTHSCHILD
MRS. A. FRIEDLANDER	MRS. L. B. SCHRAM
MRS. S. W. GLAZIER	MRS. JESSE SELIGMAN
MRS. A. JOSEPH	MRS. I. WORMSER, JR.
MRS. ISIDOR WORMSER—HON. DIR.	

(Erected in Administration Building)

ABRAHAM JACOBI LIBRARY

Dedicated April 23, 1910

By the

Board of Directors

Of

The Mount Sinai Hospital

In

Grateful Recognition

Of

Fifty Years of Devoted

Unselfish and Illustrious

Medical Service Rendered

To the

Institution

(Erected in Medical Library)

This Tablet Has Been Set to Commemorate
The Voyage of the Good Ship LAPLAND Which
Left her Port in the United States of America
On the Sixth Day of February, Arriving Safely at
Her Destination in Europe on the Twenty-
Fifth Day of the Same Month
In the Year of Our Lord 1918,
After Crossing the Stormy and Perilous
Atlantic Under the Wise and Brave Command
Of CAPTAIN JOHN BRADSHAW.
She Carried Fifteen Hundred Canadian Troops,
Distinguished American Men of Science and the
Officers, Nurses, Enlisted Men, and Civilians
Forming the Personnel of the United States Army
Base Hospital, Number Three—
THE UNIT OF THE MOUNT SINAI HOSPITAL,
New York.
(Erected in Attendings Room)

In Memory of
BERTHA WEHLE NAUMBURG
Founded by her Son
WALTER W. NAUMBURG
March 3, 1922
(Erected in X-ray Department)

Equipped by
LOUISA AND SAMUEL SACHS
In Memory of their Daughter
ELLA SACHS PLOTZ
1923
(Erected in X-ray Museum)

DEPARTMENT OF RADIUM AND RADIO-THERAPY
FLORETTE and ERNST ROSENFELD FOUNDATION
1923
(Erected in Radio-Therapy Department)

In Recognition of the
Patriotic Service of the
PHYSICIANS—SURGEONS—AND NURSES
Comprising
THE MOUNT SINAI HOSPITAL UNIT
BASE HOSPITAL NUMBER THREE
And of the Faithful
Service Rendered to
THE UNITED STATES GOVERNMENT
During the
World War 1917-1919
By Other
PHYSICIANS—SURGEONS—AND NURSES
Of
THE MOUNT SINAI HOSPITAL AND DISPENSARY
This Tablet is Dedicated
By the Trustees of
The Mount Sinai Hospital
1919
(*Erected in Main Hall*)

OUT-PATIENT DEPARTMENT DENTAL CLINIC
Equipped and Supported by
DAVID A. SCHULTE
1925
(*Erected in Out-Patient Department*)

Dedicated to the Memory of
ISAAC AND SARAH ERDMANN
1925
(*Erected in Pathological Lecture Hall*)

Erected by
CHARLES A. WIMPFHEIMER
A Most Generous Friend of the Hospital
1926
(*Erected in North Building Laboratory*)

In Loving Memory of
ETTA COHEN LORSCH
1928
(Erected in Social Service Department)

In Grateful Appreciation of the Generous Benefactions of
MARGARET OLIVIA SAGE
Made in Memory of her Husband
RUSSELL SAGE
1918
(Erected in Administration Building)

In Grateful Recognition of a Munificent Bequest
Made by
JOSEPH FRANK
1919
(Erected in Administration Building)

In Memory of
MARTIN HERMAN
Bequeathed by his Brother, ALEXANDER HERMAN
1927
(Erected in Administration Building)

In Grateful Recognition and Remembrance of the Generosity and Services of
SIDNEY S. PRINCE
Trustee and Officer of The Mount Sinai Hospital
1929
(Erected in Administration Building)

To Commemorate
The Founding of the JACOB NEWMAN Beds
Founded by Provision in his Will
1939
(Erected in Administration Building)

Erected on the Occasion of
The Eightieth Birthday
of
GEORGE BLUMENTHAL

By
His Fellow Trustees
To Record
Their Grateful Appreciation of
His Spirited Leadership and
Unparalleled Contribution
To the Development of this
Institution During Forty-
Six Years as Trustee and
Twenty-seven Years
As President
April 7, 1938
(Erected in Main Hall)

Dedicated to
HUGO BLUMENTHAL
President—Director—Adviser—Friend
In Grateful Recognition of
His Many Years of Devoted Service
To
THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING
ITS STAFF AND STUDENT NURSES
Board of Directors
The Faculty
Alumnae Association
January 1, 1941
(Erected in Nurses' Residence)

In Memory of
LT. COL. LOUIS S. GIMBEL, JR.
United States Army Air Corps
By his Associates of S. S. Steiner, Inc.
1942
(Erected in Administration Building)

In Memory of
PFC. KURT F. MAXWELL
United States Army—Philippines
By His Associates of S. S. Steiner, Inc.
1944

IN GRATEFUL RECOGNITION OF THE GENEROSITY OF
MR. AND MRS. ALLEN L. GOLDFINE
IN PROVIDING SUPPORT FOR SCIENTIFIC RESEARCH
IN RADIOACTIVE ISOTOPES

1945

(Erected in Administration Building)

In Memory of
LOUISE F. UNTERMYER
Member of the Social Service Auxiliary

1939-1944

(Erected in Patients' Library)

1941-1945

IN MEMORY OF THE PERSONNEL OF
THE MOUNT SINAI HOSPITAL
WHO GAVE THEIR LIVES
IN THE SERVICE OF THEIR COUNTRY
DURING WORLD WAR II

Nils T. Carlson
Sidney C. Feinberg, M.D.
Andrew Goldstein
Jerome W. Greenbaum, M.D.
Eugene M. Holleb, M.D.
Herman L. Jacobius, M.D.

Goodell G. Klevan, M.D.
Joe Owesney
Benjamin Ritter, M.D.
Helen E. Rogers, R.N.
Stanley J. Snitow, M.D.

ERECTED BY THE MEDICAL STAFF OF
THE MOUNT SINAI HOSPITAL

(Placed in Medical Staff Room)

IN GRATEFUL RECOGNITION
AND REMEMBRANCE
OF THE
GENEROSITY AND SERVICES
TO THIS CLINIC
BY

MRS. CHARLES KLINGENSTEIN

1946

(Erected in Children's Clinic)

THE
NICHOLAS M. SCHENCK
LABORATORY

1949

(Erected in Administration Building)

In Memory of
KAREL LODEWIJK VOORZANGER
June 20, 1903-January 20, 1930
Of Rotterdam, The Netherlands
By His Parents
(Erected in Administration Building)

DEDICATED
TO THE MEMORY OF
ANNIE H. KAHN
FRED HIRSCHHORN
CHARLES HIRSHON
BY
FRANCES C. KAHN
1948
(Erected in Administration Building)

IN GRATITUDE TO
WILLIAM NELSON CROMWELL
FOR HIS BEQUEST
IN MEMORY OF HIS PARTNER
ALFRED JARETZKI
1949
(Erected in Administration Building)

IN GRATEFUL ACKNOWLEDGMENT
OF A GIFT
IN MEMORY OF
ANNETTE S. MENDELSON
BY HER
MOTHER
1949
(Erected in Medical Library)

THE
DOROTHY H. ROSENSTIEL
PEDIATRIC MEMORIAL
(Erected in Pediatric Laboratory)

PERPETUAL BEDS

IN MEMORY OF:

LOUIS W. NEUSTADTER
Dedicated by his wife...1873

DANIEL JOSEPH JAFFE
Dedicated by the family...1874

ISAAC DITTENHOEFER
Dedicated by A. J. Dittenhoefer...1874

LEWIS EINSTEIN...1875

KATY WHITE
Wife of J. L. Englehart
Niece of Jonas and Yette Heller...1875

MARY ROSENBAUM
By her husband, S. D. Rosenbaum...1876

LAZARUS HALLGARTEN...1876

MARTIN and JOSEPH BACHRACH
Beloved sons of
Samuel and Babette Bachrach...1877

MINA SCHAFER
Dedicated by her children...1878

BENJAMIN NATHAN
Dedicated by will of his wife...1879

Dedicated by
SARAH HEINEMANN...1879

ABRAHAM SCHOLLE...1880

LEONORA WORMSER
Vice-President of the
Ladies' Auxiliary Society
Wife of Simon Wormser...1880

NATHAN BLUN
Established by his children...1880

MARY S. SAHLEIN
Wife of William Sahlein...1881

WILLIAM SAHLEIN...1881

DAVID WALLERSTEIN...1881

HARRIS ARONSON...1881

ARNOLD UHLMAN
Dedicated by the family...1883

JOSEPH RECKENDORFER
Dedicated by his wife...1883

ISAAC AND IDA MEYER
Dedicated by their children...1883

HERMAN FRIEDLANDER
Dedicated by his family...1883

NATHAN ASIEL
Dedicated by his family...1883

SIEGMUND SPINGARN
Dedicated by his family...1884

EMANUEL HOFFMAN
Dedicated by his family...1884

ADOLPH HALLGARTEN...1885

SIPHRA STERN
Dedicated by her children...1887

BENJAMIN F. MEYER
Dedicated by his brother...1887

JONAS HELLER
Dedicated by his family...1887

HENRY HERRMAN
Established by Esther Herrman...1889

HENRYETTE MORTIMER
and EDWARD ROSENFELD
Dedicated by the husband and father...1889

MAURIE E. ANSBACHER
Dedicated by Adolph B.
and Frances E. Ansbacher...1889

SIDNEY SPEYER
Dedicated by James Speyer...1890

NATHAN LITTAUER...1891

HIRSCH WALLACH and
BIENCHEN WALLACH
Dedicated by Isaac Wallach...1891

LOUISE LITTAUER
Daughter of Nathan and
Harriet Littauer...1891

ROSA VEIT...1892

SOPHIA ROTH
Dedicated by Ludwig Roth...1892

BERNARD L. and FANNY TIM
Established by Louis and Solomon Tim...1892

SIGMUND ROBERTSON
Dedicated by the family...1892

GRACE A. L. CULLMAN
Dedicated by her husband...1892

ESTHER ASIEL
Dedicated by her son...1892

MOSES WASSERMAN...1893

DR. JOSEPH MAINZER
Dedicated by his brother...1893

JOHANNA FATMAN
Dedicated by S. A. Fatman...1893

SYLVESTER BRUSH and
SARAH, HIS WIFE
Dedicated by their children...1893

JESSE SELIGMAN
Dedicated by the family...1894

BABETTE SCHOLLE
Dedicated by her children...1894

ALBERT S. ROSENBAUM...1894

ISRAEL D. and HENRIETTA WALTER
Dedicated by William I. Walter...1894

ISAAC BERNHEIMER...1894

MORITZ JOSEPHTHAL
Dedicated by his widow...1895

LEOPOLD BOSCOWITZ
Dedicated by his brothers and sisters
1837-1895

JOSEPH LOUIS MYERS
Dedicated by Louisa Myers...1895

ADOLPH T. SCHOLLE
Dedicated by his father...1895

ADOLPH BERNHEIMER
Dedicated by Miss Rosie Bernheimer...1895

BERTHA MORRIS
Dedicated by her relatives...1896

DAVID WALLACH
Chicago, Ill...1896

MAYER GOLDSMITH
Dedicated by his widow...1896

MATHILDA OPPENHEIMER
Dedicated by her husband...1897

BERNARD MAINZER
Dedicated by the family...1897

CARL THEODOR MAYER
Dedicated by Antoinette Mayer...1897

ADELAIDE BALLIN KING
Dedicated by her husband...1897

MARIANE ICKELHEIMER
Dedicated by Mrs. Julie Heidelberg...1897

JULIUS L. GOLDENBERG
Dedicated by his mother...1897

BERNARD COHEN...1897

S. J. SPIEGELBERG
A former Director of this Institution...1898

ELIAS JACOBS
Dedicated by his wife...1898

Mr. and Mrs. GEORGE BLUMENTHAL
1898

ROSALIE NATHAN
Dedicated to the Cause of Humanity...1899

MARTIN H. LEHMAIER...1899

LYDIA WOLFF
Wife of Abraham Wolff...1900

ABRAHAM WOLFF...1900

DAVID MARKS
Dedicated by his wife...1900

LOUISE HOFFMAN
Dedicated by her children...1900

HOUSMAN MEMORIAL BEDS

Dedicated by Arthur A. Housman
(Two Beds)...1900

ROBERT GRAHAM DUN...1900

HIS WIFE, BERTHA,
and DAUGHTER, SOPHIE
Dedicated by David Kohn...1900

SIMON AND ROSETTA S. BERNHEIMER

Dedicated by Jacob S. Bernheimer...1900

HENRIETTA RUBENS

Dedicated by Charles Rubens...Paris, 1901

LAZARUS and BABETTE MORGENTHAU

Dedicated by Henry Morgenthau...1901

EDWARD B. SIMON

Dedicated by his wife...1901

JOSIAH L. WEBSTER

Dedicated by C. B. Webster...1901

JOSEPH KAUFMAN

Founded by provision in his will...1901

EMANUEL LAUER

Dedicated by his daughters,
Carrie Lehman and Sophie Goodhart...1901

BERNARD and HENRIETTA HEINEMAN

Dedicated by Moses Heineman...1901

MARX and SOPHIE HORNTAL

Dedicated by their children...1901

MOSES BRUHL

Dedicated by his wife and daughters...1901

MORITZ and ERNESTINE COHN

Dedicated by their children...1901

BETTY LOEB

Dedicated by Solomon Loeb...1902

ELIZABETH JEFFRIES GARVEY

Dedicated by Andrew Jeffries Garvey
(Two Beds)...1902

LOUIS and YETTA STIX...1902

THEODORE G. WEIL...1902

JACOB RUBINO

(Two Beds)...1902

FANNY MYERS

Dedicated by David E. Sicher...1902

JACOB S. BERNHEIMER

Dedicated by his wife and children...1902

BERNARD BARUCH

Established by his grandson...1902

Dedicated by

THE HEBREW MUTUAL BENEFIT
SOCIETY

To Commemorate Its 75th Anniversary
1902

RACHEL V. and CHARLES STERNBACH

Dedicated by Sidney M. Sternbach...1903

FLORENTINE WEINBERG

Dedicated by Philip Weinberg...1903

CLARA WERTHEIM

Dedicated by Henry P. Wertheim...1903

JACOB BOOKMAN...1903

EDWARD J. KING

Dedicated by his wife, Rosalie King...1904

MARCUS L. STIEGLITZ

Dedicated by his wife, Sarah Stieglitz...1904

JOSEPH FREEDMAN

Dedicated by his son, Andrew Freedman
1904

SIMON BORG

Dedicated by his wife, Cecelia Borg...1905

RUTH M. GROSS

By her parents, Morris and Carrie L. Gross
1905

HANNAH VOGEL

Dedicated by her husband, William Vogel
1905

M. S. MORK

Dedicated by his wife, Minnie Mork...1905

Dedicated by

MR. and MRS. EUGENE MEYER...1905

JOSEPH B. BLOOMINGDALE...1905

ADOLPH HERRMANN

Founded by provision in his will...1906

EDGAR HENDRICKS
HENRY H. HENDRICKS
and CLIFFORD B. HENDRICKS
Established by their mother,
Emma B. Hendricks...1906

JOSHUA HENDRICKS
Established by his wife, Emma B. Hendricks
1906

BENNETT and SARA B. KING...1906

SAMUEL E. and MARY HALLE
Established by Jacques S. Halle...1906

CECELIA BORG
Dedicated by her children...1906

LYMAN G. and HATTIE BLOOMINGDALE
1906

WALTER A. SCHIFFER
Dedicated by his wife...1907

ISAAC WALLACH
Founded by provision in his will...1907

LOUIS JOSEPHTHAL
Founded by provision in his will...1907

ISABELLA ARNOLD BERNHEIMER
Dedicated by her children...1907

HEDWIG ROSENBAUM
By her husband, Sigmund D. Rosenbaum
1908

LEOPOLD LADERER,
CAROLINE LADERER and
SAMUEL L. LADERER...1908

EMILY LAZARUS
Founded by provision in the will of
Amelia B. Lazarus...1908

SIMON W. GLAZIER
Dedicated by his wife and children...1908

ISAAC S. and SARAH ERDMANN...1909

ERNEST EHRMANN
Founded by provision in his will...1909

SOLOMON HERZOG
Founded by Edward N. Herzog...1909

ARTHUR A. HOUSMAN
Founder' by provision in his will
(Two Beds)...1909

ABRAHAM B. FRANK
Dedicated by his wife...1909

LEOPOLD GUSTHAL
Dedicated by his sisters...1909

GUSTAV BERNHEIM
Dedicated by his wife and children...1909

MARY MAYER
Founded by David Mayer...1910

THERESE JOSEPHTHAL
Founded by provision in her will...1910

EDWARD A. and BERTHA R. PRICE
Founded by Julie Price Erdman...1910

DR. JOSEPH SCHNETTER
Founded by provision in his will
(Three Beds)...1910

BERTHA HORN
Founded by provision in the will of
Michael Horn...1910

REV. DR. GUSTAVE GOTTHEIL
Rabbi, Temple Emanu-El...1873-1890
Founded by Paul Gottheil...1910

DR. HERMAN BAERWALD
Founded by Paul Baerwald...1910

VALENTINE and FANNY LOEWI
Dedicated by the family...1911

EDNA SAKS LEVY
Dedicated by Mr. and Mrs. Andrew Saks
1911

EMMA ROSENWALD
Founded by provision in her will...1911

HENRY ROSENWALD
Founded by Mrs. Henry Rosenwald...1911

ALLEN L. MORDECAI
and KATE MORDECAI
Dedicated by their children...1911

ALEXANDER L. KAUFMANN
Founded by provision in his will...1911

JULIUS EHLMANN
Founded by provision in the will of
Mathilda Ehrmann...1912

JAMES and AMELIA STRAUSS
Founded by provision in the will of their son,
Nathan F. Strauss...1912

DR. MAX HERZOG
Founded by
Mr. and Mrs. Abram N. Stein...1912

DR. WOLFGANG MACK...1808-1883
Founded by provision in the will of
Jacob W. Mack...1912

JACOB WOLFGANG MACK 1845-1912
Dedicated by Jennie and Ella Heyman...1912

LUISE MACK...1808-1887
Founded by provision in the will of
Jacob W. Mack...1912

MATHILDA EHLMANN
Founded by provision in her will...1912

FLORENCE HENRIETTA WALTER
Dedicated by Miss Rosie Bernheimer...1913

MARCUS and BERTHA GOLDMAN...1913

LEWIS S. LEVY
Founded by provision in his will...1914

MARY LEVY
Founded by provision in the will of
Lewis S. Levy...1914

JULIUS and FANNY ROBERTSON
Founded by provision in his will...1915

MAURICE and MATHILDE SELIGMANN
Dedicated by
George and Arthur Seligmann...1915

ERWIN BEIT VON SPEYER
Founded by his uncle, James Speyer...1915

MAX and NINA HERZOG
Dedicated by their daughter,
Bella H. Kaufmann...1915

SAMUEL and HELENE PRINCE
Dedicated by their children...1915

LEONARD S. PRINCE
Dedicated by his father and mother
December 23, 1915

MADGE N. HAAS...1915

DAVID, GUSTAVE B. and
CHARLES CALMAN
Founded by provision in the will of
Emma Calman...1915

TILLIE HOCHSCHILD...1916

MRS. SAMUEL H. SPINGARN
Established by provision in the will of
Samuel H. Spingarn...1916

SAMUEL H. SPINGARN
Established by provision in his will...1916

HENRIETTA BONDY
Founded by her son, Emil C. Bondy...1916

JACOB and ROSINA ERDMANN
Founded by Albert J. Erdmann...1916

CHARLES BONDY
Founded by his son, Emil C. Bondy...1916

KARL SCHWABACH
Founded by his uncle, James Speyer...1917

HENRY and ROSALIE KLINGENSTEIN
Dedicated by their son,
Charles Klingenstein...1917

JOSEPHINE and DAVID SALZER
Dedicated by Leopold Salzer...1917

MRS. ISAAC WALLACH
Founded by provision in her will...1917

JOHANNA and ROSALIE MOSES
Dedicated by their sister,
Julia R. Ballerstein...1917

BERNHARD STERN
Dedicated by his brother, Benjamin Stern
1917

AMELIA HEIDELBERG
Dedicated by Isaac N. Heidelberg...1917

RACHEL H. PFEIFFER
Founded by provision in her will...1917

BELLE GLAZIER BERNHEIMER
Founded by provision in her will...1917

CHARLES E. SCHAFER
Established by his wife...1917

Established by
MR. and MRS. PHILIP J. GOODHART
1918

THERESA and JOSEPH FOX...1918

LOUISE and LEOPOLD SALZER
Dedicated by their children
(Two Beds)...1918

JOSHUA ROTHBLATT
Dedicated by his parents,
Bernard and Ida Rothblatt...1919

In Celebration of the Ninetieth Birthday of
MAX NATHAN...April 15, 1919
Presented by his daughter, Irma N. Straus

MEYER H. LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1919

JULIUS LEWISOHN
London, England
Dedicated by his son...1919

WILLIAM KLINGENSTEIN
of London, England
Dedicated by his nephew,
Charles Klingenstein...1919

EMMA and ALBERT KASKEL
Founded by provision in the will of
Emma H. Kaskel...1919

MAYER LEHMAN and BABETTE LEHMAN
Dedicated (Two Beds)...1919

Dedicated to
THE CLARA DE HIRSCH HOME
By Dr. Josephine Walter...1919

LOUIS M. SONNENBERG
Founded by provision in his will...1919

ALAN HARRY SIMON
Dedicated by
Mr. and Mrs. Harry G. Simon...1919

FERDINAND A. STRAUS
Dedicated by his son, Lionel F. Straus...1919

HENRY BENDHEIM
Dedicated by his brother,
Adolph D. Bendheim...1919

LEVI BAMBERGER
Founded by Albert and Clara Blum...1919

THE FORMER TENANTS OF
JOHN D. WENDEL
Three beds dedicated by
G. G. R. Wendel...1919

SARA SONNENBERG BECK
Dedicated by Martin Beck...1919

ARON WEIL
Dedicated by his wife, Dora Weil...1919

Dedicated by
Mr. and Mrs. HENRY BUDGE...1920

VITUS and FANNY LAMBERT
Dedicated by their son,
August V. Lambert...1920

OSCAR M. LEISER
Founded by provision in his will...1920

EDITH STINE SCHIFFER
Founded by her husband, Jack W. Schiffer
1920

MAYER and BABETTE LEHMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALPHONS LEWIS
Founded by provision in his will...1920

DAVID LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1920

MATILDA OLLENDORFF
Dedicated by her husband...1920

MARJORIE WALTER GOODHART
Founded by Miss Rosie Bernheimer...1920

In Celebration of the Seventy-fifth Birthday of
FRANCES M. FECHHEIMER
September 4, 1920
Dedicated by her son, Sam M. Fechheimer

MAX J. BREITENBACH
Dedicated by his wife and children...1920

AARON and JOHANNA FATMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALINE BERNHEIM

Founded by her sons,
George B. and Alfred L. Bernheim...1921

ELLIN PRINCE SPEYER

Founded by her husband, James Speyer
1921

ARNOLD and FANNIE FALK

Dedicated by Myron S. Falk
and K. George Falk...1921

ROSALIE, FANNIE, CHARLES, SIMON
and JOSEPH LEDERER

Founded by provision in the will of
Charlotte Lederer...1921

SAMUEL and BELLA HAAS

Founded by Mrs. Dudley D. Sicher...1921

HENRY and HANNA HERRMANN

Dedicated by their son,
Frederick Herrmann...1921

JACOB L. and SOPHIE KOPS

Dedicated by their children...1921

ESTHER WYMAN

Founded by provision in her will...1921

SYDNEY MICHAEL HYMAN,

Dedicated by his parents,
Michael and Rose Hyman...1921

CLARA GLAZIER

Founded by provision in her will...1922

CARRIE RAPP and SAMUEL RAPP

Founded by provision in the will of
Samuel Rapp...1922

DAVID JAMES KING and

ADELAIDE BALLIN KING
Dedicated by their daughter,
Louise King Reckford...1922

CAROLINE BOOKMAN

Founded by provision in her will...1922

DOROTHEA HAAS WEILER

Founded by provision in the will of her son,
Charles H. Weiler...1923

MARKS WEILER

Founded by provision in the will of his son,
Charles H. Weiler...1923

JACOB H. SEMEL

Founded by provision in his will...1923

MORRIS S. BARNET and ALVINA BARNET

Dedicated by Morris S. Barnett
(Two Beds)

Dedicated by

ADDIE W. KAHN...1923

WALTER J. ROSE

Dedicated by his mother...1924

GABRIEL MAYER, ANTOINETTE MAYER

OTTO L. MAYER

Founded by provision in the will of
Otto L. Mayer...1924

Established by

ABRAHAM ERLANGER...1924

Founded by

CHARLES HENDRICKS...1924

ELLA HEILMAN

Founded by provision in her will...1924

SOLOMON C. GUGGENHEIMER

March 24th, 1924

JACOB WERTHEIM

Dedicated by his wife,
Emma Stern Wertheim...1925

LOUIS S. FRANKENHEIMER

Dedicated by
Ida and Rose Frankheimer...1925

PAULINE MAYERS

Established by her husband, Morris Mayers
1925

ELKAN and BERTHA NAUMBURG

Dedicated by their son,
Walter W. Naumburg...1926

SIEGFRIED W. MAYER

Founded by provision in his will...1926

SAMUEL BAUMANN

Dedicated by his wife,
Henrietta Baumann...1926

HENRIETTA RAWITSER

Dedicated by her daughter,
Theresa V. Rawitscher...1926

MORRIS ROSSIN

Dedicated by his wife, Martha S. Rossin
1927

LEWIS SCHOOLHOUSE

Established by Joseph Runsheim...1927

Dedicated to their friends

GEORGE and FLORENCE BLUMENTHAL
By Edmond and Suzanne King Bruwaert
1927

SAMUEL J. and ESTHER GANS

Dedicated by their son, Simeon C. Gans
1927

Established by

MR. and MRS. ALBERT E. GOODHART
1927

ARTHUR E. FRANK...1927

JACOB HIRSH

Dedicated by his wife, Julia Hirsh...1927

SOLOMON FRIEDMAN and

AMELIA G. FRIEDMAN...1928

SAMUEL BACHRACH and

BABETTE BACHRACH...1928

RICHARD M. HOMBERG

Founded by provision in the will of
Florence N. Homberger...1928

ISAAC N. HEIDELBERG

Dedicated by his daughters...1928

WILLIAM VOGEL

Dedicated by his sons, Harry William and
Bernard William Vogel...1928

HERMAN RAWITSER

Dedicated by his wife,
Theresa V. Rawitscher...1929

AL and MINNIE HAYMAN

Founded by provision in the will of
Minnie Hayman (Two Beds)...1929

ADA HEIDELBERG STRAUSS

Dedicated by her husband,
Seymour A. Strauss...1929

REBECCA FRIEDLANDER

Founded by provision in her will...1929

HEINEMANN and ROSA VOGELSTEIN

Dedicated by their children...1929

MAYER MAYER and FANNY MAYER

Dedicated by Bernhard Mayer...1929

MARY SMALL EINSTEIN

Dedicated by her husband, I. D. Einstein
1930

HENRY STERN and MATHILDA STERN

Dedicated by their son, Meyer Stern...1930

SELINA E. SUMMERFIELD

Founded by provision in her will...1931

LUCY HERZFELD

Dedicated by Felix and Ida Herzfeld...1932

RICHARD and

MATILDA SIDENBERG...1932

HENRY BLOCK

Bequest of Alice A. Kohler...1932

FRED H. GREENEBAUM

Founded by provision in his will...1933

JULIA HIRSH

Dedicated by her children (Two Beds)
1933

HEYMAN and MARTHA PINCUS

Founded by provision in the will of
Martha Pincus...1933

ADOLPH, CHARLOTTE and

MARY ARBER

Founded by provision in the will of
Adolph Arber...1933

LUDWIG and REBECCA DREYFUSS

Founded by provision in the will of
Ludwig Dreyfuss (Two Beds)...1934

WILLIAM HYAMS

and EMMA HYAMS...1935

SARAH KING...1935

MYRON GOLDSMITH FRIEDENHEIT

(1898-1936)

Dedicated by his parents...1936

ELIZABETH P. HEWES

Founded by provision in her will...1936

ABRAM L. LOWENSTEIN...1936

LIONEL F. STRAUS

Dedicated by his wife, May H. Straus
(Two Beds)...1937

NATHAN and ELLA NECARSULMER

Bequeathed by their daughter,
Helena Necarsulmer...1937

RALPH J. JACOBS

Founded by provision in his will...1937

VIRGINIA GUINZBURG KLEINERT

1937

ELLEN IDA CARDOZO

Provided in the will of
Benjamin N. Cardozo...1938

ADOLPH F. HOCHSTADTER and

ROSA H. HOCHSTADTER

Established by their son,
Edwin A. Hochstadter (Two Beds)...194

THERESA

Dedicated by her mother,
Theresa V. Rawitser...1941

BERNARD J. OETTINGER and

SERAPHINE OETTINGER

Dedicated by their children...1941

BERTHOLD and ANNA LEVI

Dedicated by their children...1941

IGNATZ and JULIA GOSSMAN UNZ

Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

FRANK WALLACH

Founded by provision in his will...1942

IDA MAY WALLACH

Provided in the will of Frank Wallach
1942

Dedicated by

EDWIN A. HOCHSTADTER...1942

MAX J. and JENNIE M. BREITENBACH

1942

BELDEN ROACH

1942

EDWARD and ELIZA DAVIS

Established by the Davis Family...1943

JOSEPH HONIG

Founded by Louise H. Manley...1943

JACOB JACOBS and CORRINA JACOBS

Founded by their daughter,
Constance Marks...1943

FRANCIS MARION MARKS

and his wife, CONSTANCE MARKS...1943

SAMUEL J. ROSE

Provided in the will of
Sittah R. Rose...1944

ABRAHAM MORRIS

Founded by provision in the will of
Cornelia B. Morris...1944

ROSALIE MORRIS

Founded by provision in the will of
Cornelia B. Morris...1944

EDWARD and JULIA MORRIS

Founded by provision in the will of
Cornelia B. Morris...1944

JOSEPH and ELIZABETH FREEDMAN
and ISABELLA FREEDMAN

Established by

Daniel B. Freedman...1945

BECK J. GOLDSMITH

Founded by her niece,
Merle S. Haas...1945

LOUIS and IDA C. FRIEDLANDER

Founded by
Ida C. Friedlander...1945

DAVID W. and SARAH DAZIAN

HENRY W. and ADA A. DAZIAN

Founded in the will of
Henry W. Dazian...1945

BLANCHE MAMLOK

Provided in the will of
Dora Kleinberger...1946

HERBERT J. KAUFMANN

Dedicated by his parents

Herbert M. and Lillie H. Kaufmann...1946

Our Daughter

ROSALIND

Given by

Sylvia and Jacob Gray...1946

MARVIN E. KLEINBERGER

Provided in the will of

Dora Kleinberger...1946

MINNA LE VINO and

ALEXANDER M. LE VINO

Provided in the Will of Selma Le Vino...1947

LOUIS ADELS

1947

CARL W. STERN

Established by His Brothers...1947

ARTHUR C. MENDELSON

Dedicated by his brother,

Louis Mendelsohn...1947

DESSIE GREER

1948

Established by

LEONORA JACOBS...1948

MORRIS and CELIA

MEISELMAN...1949

JACOB-CLARA KLINGENSTEIN Bed

1949

IDA ROTHBLATT...1950

DAVID E. SIMON

By Rosa G. Simon...1950

DORA GROSS

By Rosa G. Simon...1950

In Memory of

his brother-in-law, LOUIS SCHIELE

Born May 22, 1862—Died September 16, 1934

and his sister, ESTELLA B. SCHIELE

Born February 26, 1869—Died December

22, 1933

Founded by provision in the will of

SIMON C. BERNSTEIN

1950

In Memory of

his wife, BELLE L. BERNSTEIN

Born December 30, 1879—Died August

30, 1948

and himself, SIMON C. BERNSTEIN

Born December 8, 1870—Died November

2, 1950

Founded by provision in the will of

SIMON C. BERNSTEIN

1950

His Dearly Beloved Parents

By

NATHAN HEIMS...1950

EPHRAIM FRANK GOLDMAN

and

TOBY THERESA GOLDMAN...1951

Founded by

MRS. BELLE LAURITSEN...1951

ISABEL McHARRY, R.N.

Established by

MRS. JOSEPHINE A. CAVE...1951

MORTON H. MEINHARD

Established by

CARRIE WORMSER MEINHARD...1951

LEOPOLD and TILLIE WORMSER

Established by

CARRIE WORMSER MEINHARD...1951

SAMUEL, AMALIA and HATTIE
SACHS

Provided in the will of

HATTIE SACHS

(Two Beds)...1951

PERPETUAL BEDS—CHILDREN'S PAVILION

IN MEMORY OF:

HENRY L. EINSTEIN
Founded by Cecelia Einstein...1922

SOL H. KOHN
Dedicated by Lillie V. Kohn...1922

BENJAMIN MORDECAI...1922

NELLIE M. RICE
(Two Beds)...1922

ROBERT REIS
Dedicated by Sarah Reis...1922

CARRIE WORMSER
Founded by provision in the will of her
daughter, Julia Seligman (4 Beds)...1922

CONSTANCE DAVIS MORDECAI
Founded by Benjamin Mordecai
(Two Beds)...1923

Dedicated by
DR. A. V. MOSCHCOWITZ
To commemorate the marriage of his daughter,
Frances Ethel Frowenfeld...1923

JOSEPH and BABET SEMEL
Founded by provision in the will of
Mrs. George Heyman...1924

GEORGE and HANNAH HEYMAN
Founded by provision in the will of
Hannah Heyman...1924

Established by
CECELIA EINSTEIN...1924

WILLIAM FRANKENHEIMER
Dedicated by
Ida and Rose Frankenheimer...1925

ABRAHAM LEIPZIG
Founded by provision in his will...1925

ADOLPH FRANK HOCHSTADTER
Established by Rosa Hayman Hochstadter
1926

ROSA HAYMAN HOCHSTADTER
Founded by provision in her will...1926

SOLOMON and AMALIA BONDY
Founded by provision in the will of
Maurice S. Bondy...1926

BABETTE ROTHSCCHILD
Dedicated by her daughter, Ida R. Cullman
1926

MARX ROTHSCCHILD
Dedicated by his daughter, Ida R. Cullman
1926

CHARLES and MARY WEISBERGER
1926

AARON BACHRACH and
JENNIE BACHRACH...1927

MARCUS LOEW
Dedicated by Caroline Loew...1928

PETER F. MEYER
Founded by provision in his will
(Five Beds)...1929

SAMUEL and
HATTIE BINSWANGER...1929

ADELAIDE F. PFEIFFER
Founded by provision in her will...1929

BERNARD ULMANN
Dedicated by his brother, Ludwig Ulmann
1930

AGNES C. RICE
Founded by provision in her will...1930

LAURA ROSSMAN
Dedicated by will of Selma Rossman...1932

ROBERT ROSSMAN
Dedicated by will of Selma Rossman...1932

SIMON and LUCY DRUKKER
Dedicated by the will of their daughter,
Jeannette D. Beaumont...1933

ELIAS KEMPNER
Founded by provision in his will...1933

LOUIS B. G. GARLAND
Dedicated by his parents,
Edward S. Garland and
Lillian B. Garland...1933

SAMUEL and ISABELLA KRITZMAN
Founded by provision in the will of
Isabella Kritzman (Five Beds)...1935

HERMAN LOEVY
Dedicated by Edwin F. Young
(Two Beds)...1936

FRANCES CLAYTON MOSES
Dedicated by her aunt,
Catherine Sampson...1936

LENA KEMP
Founded by provision in her will...1937

CELIA and SOLOMON OPPENHEIMER
Founded by provision in the will of
Solomon Oppenheimer...1938

LOUISE RENSKORF
Provided in the will of her mother,
Millie H. Renskorf...1938

AL HAYMAN and MINNIE HAYMAN
Established by their nephew,
Edwin A. Hochstadter
(Two Beds)...1941

JULIAN and SARAH F. NATHAN and
AARON Z. and REBECCA FRIEDMAN
Provided in the will of Julian Nathan...1941

Dedicated by
EDWIN A. HOCHSTADTER...1942

IGNATZ and JULIA GOSSMAN UNZ
Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

GUSTAVE and SARAH BASCH
Founded by provision in the will of
Sarah Basch...1944

FLEURETTE and CORNELIA MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

GERTRUDE and RALPH PLATZEK
Provided in the will of their mother,
Sarah Platzeck...1945

TAUBE KATZ
Dedicated by her children
1945

Established by
MYRON S. FALK...1945

DR. NICHOLAS SACHS and
ROSA MANDELSTAM SACHS
Provided in the will of
Eugenia N. Sachs Dreyer...1946

DORA KLEINBERGER
Founded by
Provision in her will
1946

MINNIE KASTOR
By her Husband Adolph Kastor
As a Token of Their Love for Their Children
1946

ANNETTE FLORANCE NATHAN
Provided in the Wills of
Frederick and Maud Nathan...1947

DR. LUDWIG M. MICHAELIS
DR. ALFRED M. MICHAELIS
Provided in the will of Jeannette Michaelis
(Two Beds)...1948

ISAAC BRILL and NELLIE BRILL
(Two Beds)
Provided in the will of
Isaac Brill...1949

CARRIE LOEW MINZESHEIMER...1949

ABRAHAM, GRACE and
JEANETTE AHRENS
Provided in the will of
Esther Tallerman...1950

MEMORIAL BEDS

IN MEMORY OF:

EMANUEL DE CASTRO
Dedicated by Margaret D. Plant...1902

JOSEPH E. HEIMERDINGER
Dedicated by his brother and sisters...1904

SAMUEL R. and JANE JACOBS
Dedicated by their children...1904

BABETTA ADELSBERGER
Dedicated by her daughter,
Mrs. Emanuel M. Gattle...1905

SAMUEL ADELSBERGER
Dedicated by his daughter,
Mrs. Emanuel M. Gattle...1905

ISAAC A. and SARAH J. SINGER
Dedicated by a son...1906

MAX REUTLINGER
Dedicated by
Mr. and Mrs. Emanuel Reutlinger...1908

CHARLES MAYER
Founded by Max W. Mayer, January 18, 1909

SIGMUND NEUSTADT
Dedicated by Mrs. Agnes Neustadt...1909

EDWARD I. LOEWENSTEIN
Dedicated by Max Loewenstein...1912

SELIGMAN and THERESE OPPENHEIMER
Dedicated by their children...1913

MICHAELIS H. ZIEGEL
Founded by his son, H. F. L. Ziegel...1913

FANNIE MANDELBAUM and
MAX MANDELBAUM
Dedicated by Bella Del Monte...1914

HENRY LIEBMANN
Dedicated by his wife, Emma Liebmann
1915

PAULINE, JACOB and
EDWARD S. BAMBERGER...1915

EDWARD C. HEYMANN
Dedicated by his parents,
Chas. E. and Helen R. Heymann...1915

RICHARD LIMBURG
Dedicated by Mrs. Clara L. Limburg...1916

FREDERICK JACOBI
Established by Flora and Frederick Jacobi
1916

MAYER and YETTE KATZENBERG
Dedicated by their children...1916

RACHEL KAUFMANN
Dedicated by her husband,
Gustav Kaufmann...1918

MR. and MRS. EMANUEL S. KUH
Dedicated by their daughter,
Nellie Kuh...1918

NATHAN COHEN
Founded by his parents,
Mr. and Mrs. Isaac Cohen...1921

ALFRED FRANK
Dedicated by his brothers and sisters...1923

GEORGE and ROSE EPSTEIN and
THEIR SON, DAVID...1927

MORRIS WOITITZ and
FRANCES S. WOITITZ...1937

LEVI and SARAH GOLDENBERG
Founded by their daughter,
Helen B. Chaim...1938

AARON and AMY H. COLEMAN
By their daughters, Constance Coleman and
Janet C. Dillenberg...1940

EVELYN TANENBAUM
Provided in the will of Moses Tanenbaum
1940

LOUIS and HEINRICH STEINER
Founded by Hedwig and Julius Steiner
1942

FELIX C. GOTTSCHALK
Dedicated by his wife,
Frances J. Gottschalk...1943

EDWIN H. TUSKA
Founded in the will of Maud Tuska...1943

THE DOLLY GLASSCHEIB MEMORIAL
BEDS
Dedicated to the memory of his beloved wife
By
Arnold Glasscheib (Two Beds)...1944

MICHAEL and JENNY M. KALISKY
Founded by their son,
Joseph Kalisky...1945

DR. MAX PORGES
Born, Marienbad, March 2, 1866
Died, New York, January 8, 1947

Established by
BRIGHTSIDE DAY NURSERY and
KINDERGARTEN
CANNON STREET HEALTH
CENTER...1949

CLARENCE S. NATHAN
Provided in the will of
Esther Solis Nathan...1950

LOUIS V. FREUND
Founded in the will of
Natalie Freund Owens...1950

LIFE BEDS

Founded by
MRS. DEWITT J. SELIGMAN...1882

Founded by
ETHEL F. SELIGMAN
Daughter of
Mr. and Mrs. DeWitt J. Seligman...1897

Dedicated to
ELSIE NATHAN...1902

THE MAY S. HARLOW (née STERN)
LIFE BED
Founded by her, April 28, 1904

THE LUCILE M. S. VAN HEUKELOM
LIFE BED
Founded November 24, 1904

THE HELEN FOX LIFE BED
Founded by
Henry Morgenthau, April 7, 1906

Founded by
A FRIEND...1907

In Memory of
JOSEPH DANNENBERG
of Macon, Georgia

THE DR. MANGES LIFE BED
Founded by
A Friend of the Hospital...1912

In Memory of
FANNIE BEHRENS WOLFE and
SOLOMON BAIRD WOLFE, M.D.

In Memory of
MAX WEIL
Dedicated by his wife and son
September 14, 1914

In Memory of
ISIDORE JACKSON
Dedicated by his wife and son
September 14, 1914

In Memory of
LEONARD M.
Dedicated by his parents,
Alexander and Rose M. Joseph...1920

In Memory of
MORRIS GOLDSTEIN and
PAULINE GOLDSTEIN
Established by their children...1921

Established by
FRANCOIS KLEINBERGER...1921

In Memory of
BENJAMIN EHRLICH
Established by his wife,
Fannie Ehrlich...1929

In Memory of
JULIUS KAUFMANN
Established by his wife,
Emma H. Kaufmann...1930

Founded by
PAULINE F. BAERWALD
March 26, 1931

Dedicated to Humanity by
SOLOMON and DORA SHAPIRO
(Née Monness)...1932

In Memory of
CLARA L. LIMBURG
Dedicated by her children...1935

Dedicated to Humanity by
IRWIN and FAY AVRICK...1944

Dedicated to Humanity by
MEYER and GERTRUDE COHEN...1944

ANNA C. LOOCKERMAN
1946

In Memory of
MILTON L. FRANK
Dedicated by his sisters
Netta L. and Aline S. Frank...1946

In Memory of
FLORENCE B. SOHN and
DR. DAVID L. SOHN
Dedicated by Husband and Brother
Dr. Maxwell M. Sohn...1947

Established by
JULES C. and EDNA S. LEEDS....1948

In Memory of
JACOB and PAULINE
BRAUNSTEIN
1949

In Memory of
CAROLYN BARBARA W. BLUM
Established by her Sons
KENNETH R. BLUM and
ROBERT M. BLUM
and Her Husband
RICHARD J. BLUM...1950

In Loving Memory of
CURT MICHAELIS
1892-1950
Established by His Wife
BEATRICE Y. MICHAELIS

In Memory of
LESTER M. NIGHTINGALE...1951

FORM OF BEQUEST

I give and bequeath to
The Mount Sinai Hospital
of the City of New York,
incorporated in 1852,

the sum of

to be used for

LEGACIES AND BEQUESTS

1854

JUDAH TOURO \$20,000.00

1867-1869

JACOB ABRAHAMS 5,000.00
BENJAMIN NATHAN 10,000.00
JOSEPH FATMAN 10,000.00

1872-1879

DR. S. ABRAHAMS (1872-1873) 14,020.00
LEWIS PHILIPS 11,711.51
MICHAEL REESE 25,000.00

1882-1889

SIMEON ABRAHAMS 10,980.00
MRS. JUDITH EINSTEIN 5,000.00
JULIUS HALLGARTEN 10,000.00
MISS SARAH BURR (1886-1893) 54,900.00
ISAAC HOECHSTER 5,000.00
HENRY HERRMAN 5,000.00
WILLIAM MEYER (1889-1891) 12,252.34

1891-1897

DANIEL B. FAYERWEATHER
(1891-1897) 9,933.03
JOSEPH ROSENBERG (1893-1926) 9,995.54
ABRAHAM KUHN 5,000.00
ADOLPH BERNHEIMER 5,000.00
MAYER LEHMAN 17,958.00

1902-1904

ANDREW J. GARVEY (1902-1949) 16,148.33
JACOB F. CULLMAN 10,000.00
JULIUS BEER 10,000.00
ADOLPH OPENHYM 5,000.00
SOLOMON LOEB 10,000.00

1905-1908

SIMON ROTHSCHILD 50,000.00
SALOMON ROTHFELD 5,000.00
MEYER GUGGENHEIM 20,000.00
FREDERICK UHLMANN 5,000.00
MATHILDE C. WEIL (1906-1907) 12,144.99
EMANUEL WALTER 7,500.00
MARX W. MENDEL 16,044.10
AMELIA B. LAZARUS (1908-1909) 29,995.76

1910-1914

ADOLPH KERBS 5,000.00
EMANUEL EINSTEIN 9,525.00
CHARLES RUBENS 5,695.00

LUDWIG STETTMEYER

(1910-1913) 24,748.39
ROSA SCHREIBER 6,267.74
MARGARET J. P. GRAVES 10,000.00
JOHN STEMME 5,000.00
CHARLES E. TILFORD
(1911-1945) 152,513.38
MARTIN HERMAN 5,000.00
JACOB SMALL (1912-1929) 14,864.30
ANDREW SAKS 5,000.00
MOSES WEINMAN 5,000.00
SAMUEL LILIENTHAL 14,762.08
JOHN J. CLANCY (1913-1914) 25,000.00
ERNST THALMANN 10,000.00
BENJAMIN GUGGENHEIM 10,000.00
WILLIAM SCHOLLE 10,000.00
NATHAN HERMANN 5,000.00
LEWIS S. LEVY (1914-1916) 16,343.74

1915-1919

CONSTANT MAYER 13,948.09
DAVID E. SICHER 10,000.00
JACOB LANGELOTH 5,000.00
MOSES LOWENSTEIN 5,000.00
ANDREW FREEDMAN 5,000.00
SOLOMON WOLF (1916-1917) 11,860.18
AMELIA LAVANBURG (1916-1917) 10,175.84
EMIL BONDY 10,000.00
HERMAN N. WALTER 5,000.00
J. S. HALLE 5,000.00
RACHEL H. PFEIFFER 15,000.00
ESTHER SCHLESINGER (1915-1951) 22,912.42
MEYER H. LEHMAN 25,000.00
KALMAN HAAS 10,000.00
BENJAMIN BLUMENTHAL 15,000.00
HENRY J. DUVEEN 5,000.00
MARGARET OLIVIA SAGE
(1919-1921) 100,000.00

1920-1924

JOSEPH FRANK 447,374.70
PEARL WEINMAN 7,065.85
ISAAC N. SELIGMAN 5,000.00
BABETTE LEHMAN 5,000.00
JULIUS KAYSER 10,000.00
BARUCH KAUFMAN 14,250.00
WILLIAM SOLOMON 10,000.00
ADOLPH D. BENDHEIM 5,000.00
MARY HELEN FINCH 5,000.00
JULIA SELIGMAN (1922-1936) 12,682.29
MORRIS S. BARNET 35,000.00

ELEANOR VON KOPPENFELS	25,000.00
JACOB ROSSBACH	5,000.00

1925-1929

EUGENE MEYER	10,000.00
EMILY A. WATSON	24,998.20
EMANUEL SPIEGELBERG	5,000.00
MICHAEL DREICER	10,000.00
EMIL WOLFF	29,794.12
ADOLPH BOSKOWITZ	20,000.00
SOLOMON A. FATMAN	20,000.00
JONATHAN NATHAN (1926-1933)	5,130.89
LOUIS S. STROOCK	5,000.00
ALBERT LORSCH	5,000.00
HARRIET WEIL	5,000.00
MORRIS J. HIRSCH	5,000.00
LEWIS SCHOOLHOUSE	5,000.00
ALEXANDER HERMAN (1927-1928)	100,000.00
LOTTIE ESTELLE MAYER (1927-1928)	33,461.87
SOPHIE W. LOW (1927-1944)	13,057.47
CHARLES ALTSCHUL	7,500.00
MORTIMER H. HEYMAN	5,000.00
MORRIS WEINSTEIN	5,000.00
HARRY MAYER	5,000.00
AL HAYMAN	25,000.00
ALINE MYERS	15,027.87
MORRIS ROSSIN	10,000.00
ISAAC J. BERNHEIM	5,000.00
MARMADUKE RICHARDSON	5,000.00
SIMON R. WEIL (1929-1934)	156,468.28
MICHAEL P. RICH	20,000.00
EMMA BLUMENBERG, <i>in memory</i> <i>of her brothers, MARC A. and</i> <i>LOUIS BLUMENBERG (1929-</i> <i>1930)</i>	12,473.66
HARRIET F. HAAS	10,000.00
HARMON W. HENDRICKS	10,000.00

1930-1934

HARRY H. MEYER (1930-1950)	560,038.05
BETSY S. KORMINSKY	5,000.00
PAULINE MYERS	5,000.00
LOUIS C. RAEGNER	5,000.00
JULIUS MARCUS	19,185.83
LOUIS MARSHALL (1931-1943)	11,754.24
WILLIAM HARTFIELD (1931-1936)	10,061.59
ALFRED M. HEINSHEIMER	5,000.00
FRIEDA WIMPFHEIMER	5,000.00
ISAAC MARX	7,500.00
RUDOLPH J. SCHAEFER (1934-1937)	64,845.88
LUDWIG DREYFUSS	25,000.00
BENJAMIN STERN (1934-1937)	25,000.00

1935-1938

BERTHA WEINMAN, <i>for the MOSES</i> <i>WEINMAN MEMORIAL FUND</i> (1935-1951)	1,490,050.17
JOSEPH RUNSHEIM (1935-1937)	17,872.25
LAWRENCE PIKE (1935-1951)	8,871.75
EDWARD J. KING, <i>for the EDWARD</i> <i>J. KING and JENNIE I. KING</i> <i>MEMORIAL FUND (1936-</i> <i>1951)</i>	1,749,506.90
AUGUSTUS W. OPENHYM (1936-1951)	139,091.26
ISA NORDLINGER (1936-1937)	9,199.21
MARCO FLEISHMAN, <i>for the</i> <i>ROSETTA AND MARCO FLEISH-</i> <i>MAN MEMORIAL FUND (1937-</i> <i>1949)</i>	748,764.64
CARRIE L. LEHMAN	10,000.00
HENRY OLLESHEIMER (1937-1945)	10,848.16
LEAH SIMPSON (1937-1950)	5,211.33
EPHRAIM B. LEVY	5,000.00
HENRY W. PUTNAM	50,000.00
BETTIE MEIERHOFF (1938-1950)	75,613.85
HARRY J. D. PLAUT	5,107.50
CHARLES S. ERLANGER	5,000.00

1940-1944

JAMES ULMANN (1940-1951)	96,402.77
AMALIA F. MORSE	15,000.00
IDA MEYER (1940-1944)	14,987.73
FANNIE H. COX	9,377.34
FREDERICK KEIM	5,000.00
DAVID SCHOENFELD	5,000.00
FRANK WALLACH (1942-1950)	5,875.39
SAMUEL M. FECHHEIMER (1943-1947)	10,023.44
LILLIE GUINZBURG, <i>in memory</i> <i>of Mr. HENRY A. GUINZBURG</i>	5,000.00
EDWARD RUBIN	5,000.00
ELSA B. JACOB (1944-1946)	12,047.92

1945-1950

MAX HORWITZ, <i>in memory of</i> <i>MR. HUGO BLUMENTHAL</i>	5,000.00
HENRY M. FLATEAU	5,000.00
JULIUS RUDISCH (1946-1950)	40,952.49
M. WARLEY PLATZEK (1946-1949)	21,536.06
ALBERT BENDHEIM (1946-1951)	13,568.61
HENRY L. BLUM	10,000.00
SAMUEL SHRIER	2,500.00
CARRIE KOHN (1946-1951)	3,913.56
UNITED HOSPITAL FUND, <i>repre-</i> <i>senting a part of the Estate of</i> <i>CARRIE VON BERNUTH FOOT</i> (1947-1950)	18,159.53

LEGACIES AND BEQUESTS

WILLIAM OPPENHYM	8,102.21
BERTHA ROSENHEIM	5,000.00
MELVILLE FOREMAN SACHS	5,000.00
ALEXANDER SCHUTE	4,000.00
SOPHIE BANTIN	3,338.60
MAGDALENE M. KLINGENSTEIN, for MATERNITY PAVILION (1948-1951)	1,890,265.24
FRANCES C. KAHN, <i>in memory of</i> ANNIE H. KAHN, FRED HIRSCHHORN and CHARLES HIRSHON (1948-1949)	54,582.43
DAVID E. OPPENHEIMER	5,000.00
HATTIE J. DANZIGER, <i>in memory of</i> HATTIE J. DANZIGER, HENRY DANZIGER and HENRY H. JACOBSON	3,500.00
ROSE FRANKENHEIMER	2,500.00
WILLIAM NELSON CROMWELL, <i>in memory of</i> MR. ALFRED JARETZKI (1949-1951)	270,400.00
ALBERT ERDMAN	14,918.56
FREDERICK NATHAN (1949-1951)	9,917.51
EDWARD BROMBERG	4,000.00
JESSIE F. ZIMMERN	2,500.00
JACOB STRAUSS	2,500.00
PAUL GUMBINER	4,054.25

MAX EPSTEIN	2,500.00
CHARLES A. RIEGELMAN	2,500.00

1951-

LENA S. BAYER, <i>in memory of</i> STEPHEN D. and LENA S. BAYER	60,000.00
LENA S. BAYER	20,000.00
ESTHER G. FRIEDENHEIT, <i>in memory of</i> ESTHER G., ISAAC and MYRON GOLDSMITH FRIEDENHEIT	10,000.00
MAX GLUCK	6,616.01
ELSA J. BRILL, <i>in memory of</i> DR. NATHAN E. BRILL	5,000.00
LAURENCE DAVIES, <i>in memory of</i> ANDREW M. DAVIES	5,000.00
LAURENCE DAVIES, <i>in memory of</i> CLARA M. DAVIES	5,000.00
ABRAM A. WEIGERT, <i>in memory of</i> of AARON, ANNA, MORRIS and RAY WEIGERT, ANNE CHARIG and MILLIE DAVIS	5,000.00
HENRY M. GOLDFAGLE	1,151.50
EUGENE J. GOLDSMITH	1,000.00
RICHARD L. LEO	1,000.00
GUSTAV DASKAL	299.87
SIMON BADT	200.00

ENDOWMENTS FOR SPECIAL PURPOSES

<i>Sara Welt Memorial Fund</i>	\$933,000.00
Established by Dr. Sara Welt (Kakels); income to be used for the Sara Welt Clinic for Healthy Infants, the Sara Welt Fellowships in Research Medicine, and for other purposes as provided in her will.	
<i>Mr. and Mrs. Charles Klingenstein Fund</i>	177,000.00
Established by Mr. and Mrs. Charles Klingenstein; income to be used for non-budgetary purposes as determined annually by the Board of Trustees.	
<i>Emilie Voorzanger Fund</i>	149,000.00
Established by provision in the will of Emilie Voorzanger; income (and capital if advisable) to be used either for the benefit of crippled children or for medical research or for both purposes as determined by the Board of Trustees.	
<i>Benjamin Altman Fund</i>	100,000.00
Established by provision in the will of Benjamin Altman; one-half of the income to be utilized to defray expenses of the Neurological Department, the remainder for the general purposes of the institution.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Children's Clinic Endowment</i>	100,000.00
Founded by their parents, Florence B. and William I. Walter; income to be used for the purposes of Children's Clinic.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Memorial Fund</i>	25,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be applied towards the running expenses of the Children's Clinic.	
<i>Babette Lehman Fund</i>	100,000.00
Founded by Mrs. Babette Lehman; income to be utilized for the advancement of preventive medicine.	
<i>Louis W. Neustadter Fund</i>	100,000.00
Founded by provision in the will of Mrs. Henry Neustadter; distribution of income to be made annually on the 16th day of March, a portion to needy and indigent patients in the Hospital on that date, the remainder for the general purposes of the Hospital.	
<i>The Mount Sinai Hospital Fund for Medical Education</i>	100,000.00
Joseph F. and Zillah Cullman contributed \$25,000.00 as a nucleus of said fund; \$25,000.00 was contributed by the estate of Henry P. Goldschmidt, and \$50,000.00 was contributed by the estate of Joseph F. Cullman; the income to be used to defray expenses arising out of clinical lectures, demonstrations, and conferences, and for cognate purposes.	
<i>Josephine Home Fund</i>	66,000.00
Established by Josephine Home, Inc., income to be used for the establishment and maintenance of the Children's Guidance Clinic.	
<i>Philip J. Goodhart Fellowship Fund</i>	55,000.00
Established by provision in the will of Hattie Lehman Goodhart \$25,000.00, by the executors of the estate of Philip J. Goodhart \$25,000.00 and by the Board of Trustees \$5,000.00; income to be used for fellowships.	

<i>Dr. Isador Abrahamson Neurological Fund</i>	50,000.00
Established by provision in the will of Stella Heidelberg Abrahamson; the income from this fund to be used for fellowships for research work and study in the field of neurology and psychiatry.	
<i>George Blumenthal, Jr., Fellowship Fund</i>	50,000.00
Founded by Mrs. Florence Blumenthal; income to be applied to the maintenance of two fellowships in pathology.	
<i>Alfred A. and Ruth M. Cook Fund</i>	50,000.00
Founded by Alfred A. and Ruth M. Cook; income to be applied to special experimental work in the Social Service Department.	
<i>Florette and Ernst Rosenfeld Foundation</i>	50,000.00
Founded by Florette and Ernst Rosenfeld; for the establishment and special support of a Department of Radium and Radiotherapy.	
<i>Maurice Wertheim Memorial Fund</i>	50,000.00
Established by his partners and a former partner in Wertheim and Company.	
<i>Maurice Wertheim Fund</i>	50,000.00
Established by provision in the will of Maurice Wertheim; income to be used and distributed in such manner as determined by the Board of Trustees.	
<i>Eugene A. Hellman Fund</i>	41,000.00
Established by provision in the will of Eugene A. Hellman; one-half of the income to be used for the investigation and study of cancer and for the care of cancer patients; the remainder to be used for the investigation of cardiac complaints and for the care of cardiac patients.	
<i>Dr. Eli Moschowitz Fund</i>	36,000.00
Established by his friends and associates; income to be used for the support of non-budgetary educational and research projects and particularly those in which Dr. Moschowitz has been interested during his professional association with the Hospital.	
<i>Etta C. Lorsch Memorial Fund</i>	34,370.00
Established by provision in the will of Etta C. Lorsch, \$10,000; by members of the Board of the Social Service Auxiliary, \$10,000.00; and by many of her friends, \$4,370.00; the sum of \$10,000.00 was added by provision in the will of William N. Cohen; income to be disbursed by the Social Service Auxiliary for the special country care of children.	
<i>Minnie Kastor Memorial Fund</i>	30,000.00
Founded by Alfred B. Kastor as a tribute to the memory of his parents; income to be used for psychiatric work through the service of a Fellow in psychiatry.	
<i>Charles Klingenstein Fellowship Fund</i>	25,000.00
Established by Mrs. Charles Klingenstein; income to be used for fellowship in any clinical or laboratory department of the Hospital, as determined by the Board of Trustees.	
<i>Stanley D. Kops Memorial Fellowship Fund</i>	25,000.00
Established by the Kops family; income to be used for a fellowship in any hospital field of activity as selected by the Board of Trustees.	
<i>Moritz Rosenthal Fellowship Fund</i>	25,000.00
Established by provision in the will of Moritz Rosenthal; income to be used for medical, surgical, clinical, or laboratory fellowships as granted to men selected by the Board of Trustees.	

<i>Harriet Meyer Memorial Fund</i>	25,000.00
Founded by Eugene Meyer; income to be used for experimental work in the Social Service Department.	
<i>Alice Goldschmidt Sachs Endowment Fund</i>	25,000.00
Established by provision in the will of Alice Goldschmidt Sachs; income to be used for medical education.	
<i>Ambulance Fund</i>	20,000.00
Established by Murry Guggenheim; income to be applied toward the maintenance of the ambulance service.	
<i>Emanuel Van Raalte Endowment Fund for Medical Education</i>	20,000.00
Legacy; income to be used for medical education.	
<i>Moritz Warburg Social Service Fund</i>	20,000.00
Founded by Felix M. and Paul M. Warburg; income to be applied to the work of the Social Service Department.	
<i>Robert and John Kaufmann Vacation Fund</i>	11,000.00
Founded by Max Kaufmann; income to be used for providing vacations, preferably for crippled children.	
<i>Theodor Escherich Fellowship Fund</i>	10,000.00
Founded by Edward S. Steinam; income to be applied to the maintenance of a fellowship in pathology.	
<i>Moses Heineman Fellowship Fund</i>	10,000.00
Founded by Moses Heineman; income to be applied to the maintenance of a fellowship in pathology.	
<i>Eugene Meyer, Jr., Fellowship Fund</i>	10,000.00
Founded by Eugene Meyer, Jr.; income to be applied to the maintenance of a fellowship in pathology.	
<i>Dr. Henry Koplik Fund</i>	10,000.00
Established by provision in the will of Dr. Henry Koplik; income to be disbursed by the Social Service Department and devoted solely to the care of infants and children whose parents are unable to pay ward fees.	
<i>Emil Wolff Social Service Fund</i>	10,000.00
Established by Emil Wolff; income to be applied to the work of the Social Service Department.	
<i>Edward Gamaliel Janeway Lecture Fund</i>	10,000.00
Founded by Mr. and Mrs. Edward S. Steinam; income to be utilized to bring important investigators to The Mount Sinai Hospital to present the results of their work.	
<i>James Joseph Speyer Fund</i>	10,000.00
Established by provision in the will of James Joseph Speyer; income to be used for assisting sick nurses employed at the Hospital.	
<i>William Henry Welch Lecture Fund</i>	10,000.00
Established by Dr. Emanuel Libman; income to be used to provide lectures to be named after Dr. William Henry Welch of Johns Hopkins University.	
<i>Dr. Murray H. Bass Fund</i>	9,200.00
Established by his friends and associates; income to be used for non-budgetary educational and research projects of the Pediatric Service.	

<i>Library Funds</i>	7,200.00
Dr. Abraham Jacobi Library Fund of \$5,000.00 established by the Board of Trustees to commemorate the eightieth birthday of Dr. Abraham Jacobi; income to be applied to the purchase of books for the Hospital Library. Dr. Fred S. Mandelbaum Memorial Fund of \$2,200.00 contributed by many of his friends; income to be applied to the purchase of books for the Hospital Library.	
<i>The Mount Sinai Hospital Alumni Fund</i>	7,000.00
Donation of Dr. H. F. L. Ziegel; income, and if necessary, capital, to be expended in defraying part or all of the cost of Private Pavilion rooms for members of the Associated Alumni of The Mount Sinai Hospital; the expenditures for any one case not to exceed \$200.	
<i>Charles and Camilla Altschul Fund for Nursing in Wards</i>	5,000.00
Founded by Charles and Camilla Altschul; to defray the expense of special nursing in the wards.	
<i>Isaac C. Bishop Fund</i>	5,000.00
Established by provision in the will of Morris Bishop; income to be used for the relief, care, and benefit of poor patients suffering from cancer.	
<i>Fannie C. Korn Fund</i>	5,000.00
Founded by Mrs. Fannie C. Korn—In Memory of Henry Korn; for establishing and maintaining a splint and apparatus room for the Orthopedic Service.	
<i>Dr. Bela Schick Lectureship Fund</i>	4,200.00
Established by his associates and friends; income to be used for an annual lecture on pediatrics.	
<i>Dr. Isidore Friesner Lecture Fund</i>	3,000.00
Established by his friends; principal and income to be used to bring lecturers to the Hospital, preferably in the field of otology.	
<i>Morris Littman Social Service Fund</i>	3,000.00
Established by provision in the will of Morris Littman; income to be applied to the work of the Social Service Department.	
<i>Dr. S. S. Goldwater Fellowship Fund</i>	2,100.00
Established by provision in the will of Dr. S. S. Goldwater and by his friends for support of a Fellowship in Hospital Administration.	

ENDOWMENTS FOR GENERAL PURPOSES

THE JACOB NEWMAN FUND.....	\$353,000.00
THE BELLA STIEFEL FUND.....	67,000.00
THE CARRIE M. AND GUSTAV BLUMENTHAL FUND.....	35,000.00
THE GEORGE AND FLORENCE BLUMENTHAL FUND.....	30,000.00
THE PHILIP J. AND HATTIE L. GOODHART FUND.....	30,000.00
THE ELLIN P. AND JAMES SPEYER FUND.....	30,000.00
THE ISAAC AND HENRIETTA STRAUSS FUND.....	30,000.00
THE ANNIE C. AND CHARLES A. WIMPFHEIMER FUND.....	30,000.00
THE MURRY AND LEONIE GUGGENHEIM FUND.....	25,000.00
THE TILLIE S. AND ALFRED JARETZKI FUND.....	25,000.00
THE ADOLPH AND EMMA LEWISOHN FUND.....	20,000.00
THE EDWARD OPPENHEIMER FUND.....	20,000.00
THE MORTON L. ADLER FUND.....	16,000.00
THE ESTELLE AND HUGO BLUMENTHAL FUND.....	15,000.00
THE ELIAS AND LINA MEYER ASIEL FUND.....	10,000.00
THE JOHN A. AND HENRIETTA COOK FUND.....	10,000.00
THE DAVID L. AND CARRIE F. EINSTEIN FUND.....	10,000.00
THE PAUL AND MIRIAM H. GOTTHEIL FUND.....	10,000.00
THE ALBERT N. HALLGARTEN FUND.....	10,000.00
THE HENRY AND ROSA LEHMAN FUND.....	10,000.00
THE ALBERT A. LEVI FUND.....	10,000.00
THE EUGENE AND HARRIET MEYER FUND.....	10,000.00
THE HENRY AND JOSEPHINE MORGENTHAU FUND.....	10,000.00
THE ROSALIE AND MAX NATHAN FUND.....	10,000.00
THE MR. AND MRS. SAM S. STEINER FUND.....	10,000.00
THE ISAAC AND VIRGINIA STERN FUND.....	10,000.00
THE ALEXANDRE AND JULIE WEILL FUND.....	10,000.00
<i>Total</i>	<u><u>\$856,000.00</u></u>

MEDICAL RESEARCH FUNDS

<i>Pauline O. Stern Research Fund</i>	\$456,000.00
Established by provision in the will of Pauline O. Stern; income (and capital if necessary) to be used for research in diseases of the nervous system and research in other diseases as approved by the Board of Trustees.	
<i>Abraham and Amelia Meyers Memorial Fund</i>	227,000.00
Established by provision in the will of Amelia Meyers; income to be used in the furtherance of medical and scientific research.	
<i>Etta C. and Arthur Lorsch Fund</i>	204,000.00
\$10,000 contributed by Etta C. and Arthur Lorsch during their lifetimes. A legacy of \$194,000.00 from the estate of Arthur Lorsch was added. Income to be devoted to laboratory research work.	
<i>Samuel M. Fechheimer Foundation for Medical Research</i>	156,000.00
Established by provision in the will of Samuel M. Fechheimer; income (and capital if necessary) to be used for medical research and education.	
<i>S. S. Prince Research Fund</i>	100,000.00
Established by provision in the will of S. S. Prince; income to be used for research work.	
<i>Henry and Enma Rosenwald Foundation</i>	100,000.00
Established by provision in the will of Mrs. Emma Rosenwald; income to be used for research work. If such work becomes impracticable or inadvisable, the income is to be used for any other purpose designated by the Board of Trustees.	
<i>Frederick Housman Fund for Medical Research</i>	75,000.00
Established by provision in the will of Frederick Housman; income to be used for medical research as determined by the Board of Trustees.	
<i>Kops Foundation for Pathological Research</i>	75,000.00
Income to be used from time to time for special work in the Pathological Department, under the direction of the Board of Trustees; preference to be given to research.	
<i>Lorsch-Sachs Endowment Fund for the Promotion of Medical Research</i>	60,000.00
Created by Josephine Lorsch, Nellie and Harry Sachs in memory of Albert Lorsch, Jenny and Sigmund Lorsch; income to be used for the study of some promising scientific problems, especially for research work bearing upon the origin and cure of cancer.	
<i>Joseph Schoenberg Fund</i>	50,000.00
Created by, and under the will of, Commodore Louis D. Beaumont; income (and capital if necessary) to be used for medical research and other related research projects.	
<i>Max Nathan Laboratory Fund</i>	30,000.00
Established by his wife and daughters; income to be used primarily towards the payment of salaries in the Laboratory Research Department.	
<i>Dr. Richard Lewisohn Cancer Research Fund</i>	28,000.00
Representing the residue of funds collected by Dr. Richard Lewisohn for the maintenance of a Cancer Research Laboratory.	

<i>William N. Cohen Research Fund</i>	25,000.00
Established by provision in the will of William N. Cohen; income to be used for research work.	
<i>Eugene Littauer Research Fund</i>	25,000.00
Founded by Eugene Littauer in memory of Nathan Littauer; income to be used for medical research work.	
<i>Elias Asiel Research Fund</i>	21,000.00
Founded by Irma A. Bloomingdale and Nelson I. Asiel; income of which is to be applied to the payment of salaries or fellowships in the research work of the Pathological Department.	
<i>Jennie M. Breitenbach Fund</i>	20,000.00
Established by provision in the will of Jennie M. Breitenbach; income to be used for research work.	
<i>Eugene Strauss Endowment Fund for Medical Research</i>	20,000.00
Established by provision in the will of Charles Strauss; income to be used for medical research.	
<i>Elsie and Walter W. Naumburg Fund</i>	17,300.00
Established by Mr. and Mrs. Walter W. Naumburg; income to be used exclusively for chemical research at The Mount Sinai Hospital.	
<i>Lester and Corinne Hofheimer Research Fund</i>	15,000.00
Established under the will of Lester Hofheimer; to be used for cancer or other research.	
<i>Morris J. and Carrie Hirsch Fund</i>	12,500.00
Established by Walter A. and Steven J. Hirsch in memory of their parents, \$10,000.00; and donation, \$2,500.00, from Mr. and Mrs. Steven J. Hirsch in memory of Walter A. Hirsch; income to be devoted to work in connection with the study of cancer.	
<i>Rosie Bernheimer Memorial Fund</i>	10,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be used for clinical research work.	
<i>Morris Fatman Medical Research Fund</i>	10,000.00
Founded by Morris Fatman in memory of Solomon A. Fatman.	
<i>Joel E. Hyams Fund</i>	10,000.00
Established by provision in the will of Rosalie Hyams; income to be devoted to research work in cancer.	
<i>Joseph and Rosa Liebmann Fund</i>	10,000.00
Established by Sadie Liebmann Steiner as a tribute to the memory of her parents; income to be used for medical research.	
<i>William J. H. Steiner Fund</i>	10,000.00
Founded by his father, Samuel S. Steiner; income to be used for medical research.	
<i>Virginia I. Stern Fund</i>	10,000.00
Legacy; income to be used for medical research work.	
<i>Herman Younker Fund for Clinical and Pathological Research</i>	10,000.00
Established by Mrs. Herman Younker; income to be used exclusively for clinical and pathological research.	
<i>Leo L. Doblin Endowment Fund for Research Work</i>	10,000.00
Legacy; income to be used solely for research work in the Pathological Laboratory.	

<i>Arthur E. Frank Medical Research Fund</i>	7,500.00
Established by provision in the will of, and in memory of, Arthur E. Frank; the income from this fund is to be devoted to laboratory research work, preferably in connection with the study and cure of cancer.	
<i>Florentine S. Sutro Research Fund</i>	5,000.00
Legacy; income to be used for research work.	
<i>Dr. Benjamin B. Eichner Eye Research Fund</i>	4,500.00
Established by provision in the will of Dr. Benjamin B. Eichner—In memory of his beloved parents, Joseph Herman Eichner and Hannah Eichner; principal and income to be used for research in eye pathology.	
<i>Dr. Louis Fischer Fund</i>	4,000.00
Established by provision in the will of Dr. Louis Fischer; principal and income to be used for research in pediatrics.	
<i>Total</i>	<u>\$1,817,800.00</u>

SPECIAL FUNDS OF THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING

Murry Guggenheim Scholarship Fund

Established by Murry Guggenheim to provide (a) six scholarships, each in the amount of \$100.00 to be awarded to entering students beginning with the class entering in February 1950; the selection to be based on the financial need for assistance of applicants, evidence of ability to meet the qualifications of a professional nurse and scholarship standing in the school attended by such applicant prior to application; (b) 12 medals in the form adopted by the Board of Directors of the School to be awarded to 12 students beginning with the class graduating in February 1950, who have shown exceptional ability during their attendance at the School; and (c) a graduate scholarship for the balance of the yearly income of the fund to a graduate nurse of the School applying for the same to assist the recipient in the completion of a degree program to be followed by such applicant. The award shall be made by the faculty of the School and the basis shall be evidence of eligibility for admission to a university, an existing need for special preparation for an essential field of work, proof that the individual is capable of this specified study and gives promise of competency in the position for which she is preparing.

Estelle and Hugo Blumenthal Scholarship and Graduation Fund

Founded by Estelle and Hugo Blumenthal to provide an annual scholarship of \$500.00 to the student in the graduating class who has shown special fitness to advance in the profession of nursing by taking courses at a College, or University, approved by the Board of Directors of the School. This fund also provides a cash award to each graduating student.

Isabella Freedman Fund

Established by Mrs. Isabella Freedman; income to be used for an award to a student in the graduating class who has shown marked ability, proficiency and interest in her work.

Carrie M. and Gustav Blumenthal Graduating Class Prize Fund

Established by provision in the will of Gustav Blumenthal; income to be distributed annually as a prize or prizes among the graduating class in such manner as the Directors of the School determine.

Berthold Levi Fund

Founded by Mrs. Berthold Levi in memory of Berthold Levi; income to be used for educational purposes.

Amy C. and Fred H. Greenebaum Fund

Established by Mr. and Mrs. Fred H. Greenebaum; income to be used for an annual award to a deserving student. *

Daniel Kops Prize Fund

Founded by the employees of the House of Kops in memory of Daniel Kops. The estate of Daniel Kops also contributed to this fund. Income to provide a prize to a student nurse for excellence in bedside nursing and kindness to patients.

Carrie Untermeyer Prize Fund

Founded by Henry Untermeyer; to establish an annual award to the student in the graduating class who has the best record for kindness and proficiency in bedside nursing.

Solomon and Betty Loeb Fund

Founded by Solomon Loeb; income to be used for charitable or educational purposes.

Emil Berolzheimer Memorial Fund

Founded by Mrs. Emil Berolzheimer in memory of her husband, Emil Berolzheimer; income to be used for higher education of nurses.

Albert W. Scholle Memorial Fund

Founded by William and Frederic Scholle as a tribute to the memory of their father; income to provide a recreation and vacation fund for the student nurses of the School.

Lillie Stern Scholle Pleasure Fund

Founded by Albert W. Scholle; income to be used largely to defray the expenses of parties, dances and other social gatherings of the students.

Eugene Meyer, Jr., Library Fund

Founded by Eugene Meyer, Jr.; income to be used to supply books and magazines for the School Library.

Jacques D. Wimpfheimer Memorial Fund

Founded by Charles A. Wimpfheimer in memory of his son, Jacques D. Wimpfheimer. Any student requiring financial assistance during her course may call upon this fund.

Charles A. Wimpfheimer Emergency Relief Fund

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 Rudolph Kramer, M.D.
 Richard Lewisohn, M.D.
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 Eli Moschcowitz, M.D.
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 Gordon D. Oppenheimer, M.D.
 Samuel M. Peck, M.D.
 Isadore Rosen, M.D.
 Isidor C. Rubin, M.D.
 Bela Schick, M.D.
 Kaufman Schlivek, M.D.
 Gregory Shwartzman, M.D.
 Isidore Snapper, M.D.
 Harry H. Sobotka, Ph.D.
 Leo Stern, D.D.S.
 Israel Strauss, M.D.
 Arthur S. W. Touroff, M.D.
 Israel S. Wechsler, M.D.
 Philip D. Wilson, M.D.
 Bernard S. Wolf, M.D.
 Heinrich F. Wolf, M.D.

Delegates of the Junior Medical Staff

JOSEPH L. GOLDMAN, M.D.

SOLOMON SILVER, M.D.

* *Deceased*

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HORACE L. HODES, M.D.	LEO STERN, D.D.S.

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ARTHUR S. W. TOUROFF, M.D.	

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MORRIS A. GOLDBERGER, M.D.	GORDON D. OPPENHEIMER, M.D.
ALAN F. GUTTMACHER, M.D.	SAMUEL M. PECK, M.D.
WILLIAM HARRIS, M.D.	LEO STERN, D.D.S.
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* JOSEPH L. GOLDMAN, M.D.	* LOUIS J. SOFFER, M.D.

* Not a Member of the Medical Board

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ROBERT K. LIPPMANN, M.D.....*Chairman*

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JOHN H. GARLOCK, M.D.	GORDON D. OPPENHEIMER, M.D.
MORRIS A. GOLDBERGER, M.D.	LEO STERN, D.D.S.
ALAN F. GUTTMACHER, M.D.	ARTHUR S. W. TOUROFF, M.D.

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*ISADORE E. GERBER, M.D.	*PERCY KLINGENSTEIN, M.D.
S. STANLEY SCHNEIERSON, M.D.	

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* HERBERT POLLACK, M.D.....*Chairman*

* LEONARD J. DRUCKERMAN, M.D.	ALEXANDER B. GUTMAN, M.D.
* LESTER R. TUCHMAN, M.D.	

Ward Admission Rules

JOHN H. GARLOCK, M.D.....*Chairman*

* EDGAR M. BICK, M.D.	* SAMUEL KARELITZ, M.D.
* SIDNEY W. GROSS, M.D.	* JOSEPH LAVAL, M.D.
* WILLIAM M. HITZIG, M.D.	* HARRY ROSENWASSER, M.D.
LEO STERN, D.D.S.	

* *Not a Member of the Medical Board*

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JOSEPH L. GOLDMAN, M.D.....	<i>President</i>
LESTER R. TUCHMAN, M.D.....	<i>Vice President</i>
LEONARD J. DRUCKERMAN, M.D.....	<i>Secretary</i>

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*ABRAHAM JACOBI, M.D.....	1886-1918
*BERNARD SACHS, M.D.....	1919-1923
*NATHAN E. BRILL, M.D.....	1924-1924
*EDWIN BEER, M.D.....	1925-1927
*ISIDORE FRIESNER, M.D.....	1928-1938
GEORGE BAEHR, M.D.....	1939-1941
IRA COHEN, M.D.....	1942-1945
GEORGE BAEHR, M.D.....	1946-1950
RALPH COLP, M.D.....	1950-

* Deceased.

MEDICAL STAFF CONSULTANTS FROM 1857 TO PRESENT

<i>Appointed in</i>	<i>Name and Position</i>
1857	*Valentine Mott, M.D., Surgeon
1857	*Willard Parker, M.D., Surgeon
1857	*Chandler R. Gilman, M.D., Physician
1857	*William Detmold, M.D., Physician
1857	*W. B. McCready, M.D., Physician
1857	*W. Maxwell, M.D., Physician
1861	*Thomas M. Markoe, M.D., Surgeon
1861	*A. J. Henriques, M.D., Physician
1861	*E. Schilling, M.D., Physician
1861	*A. Jacobi, M.D., Physician
1884	*A. L. Loomis, M.D., Physician
1893	*S. Lustgarten, M.D., Dermatologist
1893	*Bernard Sachs, M.D., Neurologist
1895	*Daniel M. Stimson, M.D., Surgeon
1898	*E. G. Janeway, M.D., Physician
1900	*William F. Fluhrer, M.D., Surgeon
1909	*Emil Gruening, M.D., Ophthalmic and Aural Surgeon
1914	*Julius Rudisch, M.D., Physician
1914	*Arpad G. Gerster, M.D., Surgeon
1918	*Emil Mayer, M.D., Laryngologist
1918	*Henry Koplik, M.D., Pediatrician
1920	*Alfred Meyer, M.D., Physician
1921	*Carl Koller, M.D., Ophthalmic Surgeon
1921	*Morris Manges, M.D., Physician
1921	*Fred Whiting, M.D., Otologist
1921	*Hiram N. Vineberg, M.D., Gynecologist
1922	*Howard Lilienthal, M.D., Surgeon
1922	*Henry Heiman, M.D., Pediatrician
1923	*Charles H. May, M.D., Ophthalmic Surgeon
1924	*Bernard Sachs, M.D., Neurologist
1925	*Nathan E. Brill, M.D., Physician
1925	*Emanuel Libman, M.D., Physician
1926	*Joseph Brettauer, M.D., Gynecologist
1927	*Samuel Bookman, Ph.D., Chemist
1927	*A. V. Moschowitz, M.D., Surgeon
1929	*Hermann Goldenberg, M.D., Dermatologist
1929	*Charles A. Elsberg, M.D., Surgeon
1932	*Julius Wolff, M.D., Ophthalmic Surgeon

<i>Appointed in</i>	<i>Name and Position</i>
1934	*Albert A. Berg, M.D., Surgeon
1934	*Philip W. Nathan, M.D., Orthopedist
1935	Heinrich F. Wolf, M.D., Physical Therapist
1936	*Isidore Friesner, M.D., Otologist
1937	Richard Lewisohn, M.D., Surgeon
1937	*Robert T. Frank, M.D., Gynecologist
1938	*Edwin Beer, M.D., Surgeon
1938	Israel Strauss, M.D., Neurologist
1939	Bernard S. Oppenheimer, M.D., Physician
1942	Bela Schick, M.D., Pediatrician
1943	Kaufman Schlivek, M.D., Ophthalmic Surgeon
1944	Eli Moschowitz, M.D., Physician
1944	*Harry Goldberg, D.D.S., Dentist
1945	Reuben Ottenberg, M.D., Physician
1945	Irving R. Roth, M.D., Cardiologist
1945	Burrill B. Crohn, M.D., Gastroenterologist
1945	*Herman Schwarz, M.D., Pediatrician
1945	Joseph H. Globus, M.D., Neurologist
1945	Louis Chargin, M.D., Dermatologist
1945	Isadore Rosen, M.D., Dermatologist
1945	David Beck, M.D., Physician
1946	Isidor C. Rubin, M.D., Gynecologist
1946	Abraham Hyman, M.D., Surgeon
1946	Harold Neuhof, M.D., Surgeon
1946	*Jacob L. Maybaum, M.D., Otologist
1946	Joseph Schroff, M.D., D.D.S., Oral Surgeon
1947	Daniel Poll, M.D., Physician
1947	Leo Edelman, M.D., Urologist
1948	Murray H. Bass, M.D., Pediatrician
1949	Joseph Harkavy, M.D., Allergist
1950	Morris S. Bender, M.D., Otolaryngologist
1950	Bernard H. Eliasberg, M.D., Anesthetist
1950	Arthur J. Bendick, M.D., Radiologist
1950	Ira Cohen, M.D., Neurosurgeon
1951	George Baehr, M.D., Physician
1951	Joseph H. Globus, M.D., Neuropathologist
1951	Nathan Rosenthal, M.D., Hematologist

* Deceased

THE MEDICAL AND SURGICAL STAFF

(As of January 1, 1952)

CONSULTING STAFF

Physicians

George Baehr, M.D.
David Beck, M.D.
Ernst P. Boas, M.D.

Eli Moschcowitz, M.D.
Bernard S. Oppenheimer, M.D.
Reuben Ottenberg, M.D.
Daniel Poll, M.D.

Allergist

Joseph Harkavy, M.D.

Gastroenterologist

Burrill B. Crohn, M.D.

Cardiologist

Irving R. Roth, M.D.

Hematologist

Nathan Rosenthal, M.D.

Pediatricians

Murray H. Bass, M.D.

Bela Schick, M.D.

Neurologists

Joseph H. Globus, M.D.

Israel Strauss, M.D.
Israel S. Wechsler, M.D.

Dermatologists

Louis Chargin, M.D.

Isadore Rosen, M.D.

Surgeons

Richard Lewisohn, M.D.

Harold Neuhof, M.D.
Samuel Silbert, M.D.
(For Peripheral Vascular Diseases)

Neurosurgeon

Ira Cohen, M.D.

Gynecologist

Isidor C. Rubin, M.D.

Urologists

Leo Edelman, M.D.

Abraham Hyman, M.D.

CONSULTING STAFF

(Continued)

Otolaryngologist

Morris S. Bender, M.D.

Ophthalmic Surgeon

Kaufman Schlivek, M.D.

Orthopedic Surgeon

Philip D. Wilson, M.D.

Anesthetist

Bernard H. Eliasberg, M.D.

Neuropathologist

Joseph H. Globus, M.D.

Radiologist

Arthur J. Bendick, M.D.

Physical Therapist

Heinrich F. Wolf, M.D.

Oral Surgeon

Joseph Schroff, M.D., D.D.S.

MEDICAL SERVICE

Physicians

Alexander B. Gutman, M.D.

Isidore Snapper, M.D.

Associate Physicians

Harold A. Abramson, M.D.

(for Allergy)

Benjamin Eliasoph, M.D.

(for Special Service)

Charles K. Friedberg, M.D.

William M. Hitzig, M.D.

Saul Jarcho, M.D.

Arthur M. Master, M.D.

(for Cardiology)

Herbert Pollack, M.D.

(for Metabolic Diseases)

Coleman B. Rabin, M.D.

(for Thoracic Diseases)

Solomon Silver, M.D.

Louis J. Soffer, M.D.

Lester R. Tuchman, M.D.

Peter Vogel, M.D.

(for Hematology)

Louis R. Wasserman, M.D.

(for Hematology)

Asher Winkelstein, M.D.

(for Gastroenterology)

MEDICAL SERVICE

(Continued)

Adjunct Physicians

- | | |
|---|---|
| David Adlersberg, M.D.
(for <i>Metabolic Diseases</i>) | Raymond S. Megibow, M.D. |
| (s) Samuel H. Averbuck, M.D. | Milton Mendlowitz, M.D. |
| Frank A. Bassen, M.D.
(for <i>Hematology</i>) | (o) Abraham Penner, M.D. |
| (s) Solon S. Bernstein, M.D. | Ely Perlman, M.D.
(for <i>Allergy</i>) |
| (o) Frederick Bridge, M.D.
(for <i>Thoracic Diseases</i>) | Alexander Richman, M.D.
(for <i>Gastroenterology</i>) |
| Simon Dack, M.D.
(for <i>Cardiology</i>) | (s) Arthur Schifrin, M.D. |
| Henry Dolger, M.D.
(for <i>Metabolic Diseases</i>) | Bernard M. Schwartz, M.D. |
| Max Ellenberg, M.D. | Irving J. Selikoff, M.D.
(for <i>Thoracic Diseases</i>) |
| (o) Emanuel Z. Epstein, M.D. | Sheppard Siegal, M.D.
(for <i>Allergy</i>) |
| Oscar H. Friedman, M.D.
(for <i>Thoracic Diseases</i>) | Louis E. Siltzbach, M.D. |
| (o) Isadore E. Gerber, M.D. | (s) Arthur R. Sohval, M.D. |
| (o) Edward B. Greenspan, M.D. | Clifford L. Spingarn, M.D. |
| (o) Herman Hennell, M.D. | Daniel Stats, M.D. |
| Henry Horn, M.D. | Morris F. Steinberg, M.D. |
| Harry L. Jaffe, M.D.
(for <i>Cardiology</i>) | (o) J. Edward Stern, M.D. |
| (s) Frederick H. King, M.D. | Mario Volterra, M.D. |
| Hyman Levy, M.D. | (o) Kaufman Wallach, M.D. |
| (o) S. S. Lichtman, M.D. | (o) Harry Weiss, M.D. |
| Mack Lipkin, M.D.
(for <i>Psychosomatic Medicine</i>) | Harry Yarnis, M.D.
(for <i>Gastroenterology</i>) |
| | Herman Zazecla, M.D.
(for <i>Convalescent Care</i>) |
| | (o) Frederic D. Zeman, M.D. |

Senior Clinical Assistants

(Out-Patient Department)

- | | |
|----------------------------|---------------------------|
| Harold Aaron, M.D. | Bennett W. Billow, M.D. |
| Jack Abry, M.D. | Herbert Blau, M.D. |
| Joseph M. Alper, M.D. | Perry Blumberg, M.D. |
| John Amoruso, M.D. | Hans L. W. Blume, M.D. |
| Ludwig Anfanger, M.D. | Jack S. Brandes, M.D. |
| (o) Leon Bader, M.D. | Arthur A. Briskier, M.D. |
| Joseph Bandes, M.D. | Morris Chamurich, M.D. |
| (o) Arnold T. Benfey, M.D. | (o) Isaac Chasatzky, M.D. |

(s) For *Special Service*.

(o) Off *Service*.

MEDICAL SERVICE

(Continued)

- | | |
|------------------------------|--------------------------------|
| Salvatore Contento, M.D. | Herman Moses, M.D. |
| Albert Cornell, M.D. | Robert A. Newburger, M.D. |
| Selvan Davison, M.D. | Kermit E. Osserman, M.D. |
| Anita DeLemos, M.D. | Julius Ottenheimer, M.D. |
| Henry L. Dorfmann, M.D. | Albert D. Parets, M.D. |
| Morton H. Edelman, M.D. | Roman B. Perkul, M.D. |
| Alan Emanuel, M.D. | Charles Ressler, M.D. |
| Mindel R. Erdberg, M.D. | Benjamin Richman, M.D. |
| Paul Fagin, M.D. | Fritz Riesenfeld, M.D. |
| Joseph Faltitschek, M.D. | (o) Adolf Rosenberg, M.D. |
| (o) Henry Feibes, M.D. | Jacob Rosenblatt, M.D. |
| Samuel A. Feldman, M.D. | Michael A. Rubinstein, M.D. |
| Leonard E. Field, M.D. | George J. Sabrin, M.D. |
| Leon Figur, M.D. | Hans M. Salzmann, M.D. |
| Charles Fox, M.D. | Norman A. Samuels, M.D. |
| (o) Alfred Foyer, M.D. | (o) Leopold Seidenberger, M.D. |
| Irving D. Gould, M.D. | Irving Solomon, M.D. |
| Emil Granet, M.D. | Irving Somach, M.D. |
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| Paul J. Halberstadt, M.D. | S. Zelig Sorkin, M.D. |
| Herman G. Helpern, M.D. | Alfred Sorter, M.D. |
| Leo Hennell, M.D. | Emanuel Stein, M.D. |
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| Manfred Hess, M.D. | Leonard Stone, M.D. |
| Dan Holbrooke, M.D. | Jenny Stricker, M.D. |
| Mark Imberman, M.D. | Mary C. Tyson, M.D. |
| (o) Moritz Jacobson, M.D. | (o) Walther H. Ullman, M.D. |
| Kurt Jellinek, M.D. | Max Waltzer, M.D. |
| (o) Siegbert Kamnitzer, M.D. | John J. Webster, M.D. |
| Rose H. Klein, M.D. | Rudolph Weil, M.D. |
| J. John Kristal, M.D. | Charles Weisberg, M.D. |
| Herbert H. Lampert, M.D. | (o) Adolf Weiss, M.D. |
| Milton H. Levy, M.D. | Adolph Weissman, M.D. |
| (o) Adolph A. Lilien, M.D. | Marcus Widmann, M.D. |
| Marvin Linick, M.D. | Morton W. Willis, M.D. |
| Egon E. Lustig, M.D. | Victor Willner, M.D. |
| Harold D. Margulies, M.D. | Maurice E. Wolf, M.D. |
| Jacob D. Matis, M.D. | Martin Wolfsen, M.D. |
| Martin E. Mayer, M.D. | Morton Yohalem, M.D. |
| | Wolf Zukerman, M.D. |

(o) Off service

MEDICAL SERVICE

(Continued)

Clinical Assistants

(Out-Patient Department)

Maynard B. Badanes, M.D.	Joseph Neuburger, M.D.
Robert Wm. Barnett, M.D.	Oscar Pascal, M.D.
Joseph J. Bennett, M.D.	S. D. Pieczenik, M.D.
Kenneth K. Berman, M.D.	Leon Pordy, M.D.
John J. Bookman, M.D.	Murray Raphael, M.D.
Kenneth Chesky, M.D.	Ira A. Rashkoff, M.D.
Henry Colcher, M.D.	Richard E. Rosenfield, M.D.
Edward B. Crohn, M.D.	Norman Rosenthal, M.D.
Erna S. deNauenberg, M.D.	Joseph Rutenberg, M.D.
William R. Dorrance, M.D.	E. Milton Sachs, M.D.
Kurt Elias, M.D.	Maurice W. Schachtel, M.D.
† Solomon Estren, M.D.	David G. Schwartz, M.D.
Sol S. Feinstein, M.D.	Thomas Seidman, M.D.
Mack H. Fieber, M.D.	Irene Shapiro, M.D.
Celine R. Fletcher, M.D.	Alfred Shaw, M.D.
Charles Forman, M.D.	Murray Y. Silver, M.D.
Bernard I. Freedman, M.D.	Samuel Sober, M.D.
Jacques L. Gabrilove, M.D.	Walter J. Sperling, M.D.
Charles L. Gelb, M.D.	Paul Stein, M.D.
Theodore Gold, M.D.	Roger W. Steinhardt, M.D.
Ezra M. Greenspan, M.D.	Sidney Storch, M.D.
Harry Holzer, M.D.	† Albert G. Thomas, M.D.
Louis J. Kane, M.D.	Harold Trachtenberg, M.D.
Leo Kauftheil, M.D.	Marc Vechsler, M.D.
Donald S. Kent, M.D.	Henry J. Weintraub, M.D.
Maxwell H. Kolodny, M.D.	David Weisselberger, M.D.
Bernard A. Krull, M.D.	Salo T. Wild, M.D.
Joseph R. Kuh, M.D.	Richard P. Williams, M.D.
Richard P. Lasser, M.D.	Paul Winer, M.D.
Louis Lazar, M.D.	Sigmund Winter, M.D.
Stanley L. Lee, M.D.	William R. Woolner, M.D.
George C. Leiner, M.D.	Stephen B. Yohalem, M.D.
Lawrence H. Lief, M.D.	Robert L. Zimmerman, M.D.
Alfred Lilienfeld, M.D.	Sidney P. Zimmerman, M.D.
Bertrand Lowenstein, M.D.	Howard D. Zucker, M.D.
Arthur W. Ludwig, M.D.	Hyman Zuckerman, M.D.
Ludwig Mendelsohn, M.D.	

Research Associates

Alfred P. Fishman, M.D.	Ezra M. Greenspan, M.D.
-------------------------	-------------------------

† In the Armed Forces

MEDICAL SERVICE

(Continued)

Research Assistants

John J. Bookman, M.D.	Albert D. Parets, M.D.
Jack S. Brandes, M.D.	Richard E. Rosenfield, M.D.
Selvan Davison, M.D.	Louis E. Schaefer, M.D.
Jacques L. Gabrilove, M.D.	Jonas H. Sirota, M.D.
Alvin J. Gordon, M.D.	Louis B. Turner, M.D.
Mark Halpern, M.D.	Abraham G. White, M.D.
Marvin F. Levitt, M.D.	William R. Woolner, M.D.
Adolph A. Lilien, M.D.	Christos Yannios, M.D.
Kermit Osserman, M.D.	Stephen B. Yohalem, M.D.
David H. Paley, M.D.	T'sai Fan Yu, M.D.

Podiatrists

Paul W. Haas, D.P.	Max Scharmett, D.P.
Herbert A. Heimlich, D.P.	Max Tepper, D.P.

PEDIATRIC SERVICE

Pediatrician

Horace L. Hodes, M.D.

Associate Pediatricians

Samuel Karelitz, M.D.	Jerome L. Kohn, M.D.
M. Murray Peshkin, M.D.	
(for Allergy)	

Adjunct Pediatricians

Herman Anfanger, M.D.	Milton J. H. Grand, M.D.
(s) Sidney Blumenthal, M.D.	Ralph E. Moloshok, M.D.
Alfred L. Florman, M.D.	Rose G. Spiegel, M.D.
(s) Alfred E. Fischer, M.D.	(for Allergy)
(o) George J. Ginandes, M.D.	(o) Anne Topper, M.D.
Harold M. Goldstein, M.D.	(for Metabolic Diseases)

Assistant Pediatricians

(Out-Patient Department)

(o) William Rosenson, M.D.	(o) Harry O. Zamkin, M.D.
----------------------------	---------------------------

Senior Clinical Assistants

(Out-Patient Department)

Max Baer, M.D.	(o) Isaac Chasatzky, M.D.
Perry Blumberg, M.D.	Hyman Cohen, M.D.
Arthur A. Briskier, M.D.	Samuel deLange, M.D.

(s) For Special Service

(o) Off Service

PEDIATRIC SERVICE

(Continued)

- | | |
|---------------------------|--------------------------|
| Aron J. Deutscher, M.D. | Jacob D. Matis, M.D. |
| Else Farmer, M.D. | Ida Mayer, M.D. |
| Gertrude Felshin, M.D. | William Messer, M.D. |
| Irving Feuer, M.D. | (o) Max Meyer, M.D. |
| (o) Maurice Grozin, M.D. | (o) Hanna Mulier, M.D. |
| Merrill P. Haas, M.D. | Stephen Musliner, M.D. |
| Franz H. Hanau, M.D. | Howard G. Rapaport, M.D. |
| (o) Godel I. Hunter, M.D. | Marie Louise Rie, M.D. |
| Erna Konig, M.D. | (o) Gustav Salomon, M.D. |
| Sidney D. Leader, M.D. | Maury D. Sanger, M.D. |
| Walter H. Levy, M.D. | (o) Erich Siegel, M.D. |
| Harry V. Lomant, M.D. | S. Zelig Sorkin, M.D. |
| (o) Max Maier, M.D. | Milton Stillerman, M.D. |
| Lawrence Maslansky, M.D. | Morton W. Willis, M.D. |
| Carl Zelson, M.D. | |

Clinical Assistants

(Out-Patient Department)

- | | |
|----------------------------|-----------------------------|
| Anne Botstein, M.D. | Alan Maged, M.D. |
| Richard L. Dreifuss, M.D. | Janice T. Nightingale, M.D. |
| Henry Gall, M.D. | Richard N. Reuben, M.D. |
| Bennett L. Gemson, M.D. | Stanley R. Robbin, M.D. |
| Michael L. Gilbert, M.D. | Nathan Schifrin, M.D. |
| † Arthur A. Goldfarb, M.D. | Irene Shapiro, M.D. |
| Alvin J. Gordon, M.D. | Gertrude Sobel, M.D. |
| Samuel Grosberg, M.D. | Seymour Steiner, M.D. |
| Else Kaufmann, M.D. | Victor Szanton, M.D. |
| Robert D. London, M.D. | Sidney Wachtell, M.D. |
| Herman Lubenstein, M.D. | Henry J. Weintraub, M.D. |

NEUROLOGICAL SERVICE

Neurologist

Morris B. Bender, M.D.

Associate Neurologists

- | | |
|-------------------------------|--------------------------|
| (o) Richard M. Brickner, M.D. | Edwin A. Weinstein, M.D. |
| Hans Strauss, M.D. | |
| (for Electroencephalography) | |

(o) Off Service

† In the Armed Forces

NEUROLOGICAL SERVICE

(Continued)

Adjunct Neurologists

- | | |
|--------------------------------------|--------------------------------------|
| Philip S. Bergman, M.D. | (o) William Needles, M.D. |
| I. S. Freiman, M.D. | Raymond L. Osborne, M.D. |
| Louis Greenstein, M.D. | Mortimer Ostow, M.D. |
| (for <i>Electroencephalography</i>) | (for <i>Electroencephalography</i>) |
| Lawrence I. Kaplan, M.D. | Milton R. Sapirstein, M.D. |
| (o) Judd Marmor, M.D. | Mortimer F. Shapiro, M.D. |

Senior Clinical Assistant

(Out-Patient Department)

David Gerst, M.D.

Clinical Assistants

(Out-Patient Department)

- | | |
|------------------------|------------------------|
| Kenneth M. Gang, M.D. | Simon Maringer, M.D. |
| Leonard I. Malis, M.D. | Morton Nathanson, M.D. |

Research Assistants

- | | |
|----------------------|-----------------|
| Leroy Sugarman, M.D. | Paul Teng, M.D. |
|----------------------|-----------------|

Assistant Clinical Psychologist

Robert L. Kahn, M.A.

PSYCHIATRIC SERVICE

Psychiatrist

M. Ralph Kaufman, M.D.

Associate Psychiatrists

- | | |
|--------------------------|---------------------------------|
| Paul Goolker, M.D. | Sydney G. Margolin, M.D. |
| (o) Sandor Lorand, M.D. | (o) Clarence P. Oberndorf, M.D. |
| Harry I. Weinstock, M.D. | |

Adjunct Psychiatrists

- | | |
|-------------------------|--------------------------|
| Charles Fisher, M.D. | Louis Linn, M.D. |
| Mark Gerstle, Jr., M.D. | Daniel M. Lipshutz, M.D. |
| Edward D. Joseph, M.D. | Bernard C. Meyer, M.D. |
| David Kairys, M.D. | Victor H. Rosen, M.D. |
| Samuel R. Lehrman, M.D. | Martin Schreiber, M.D. |

Senior Clinical Assistants

- | | |
|----------------------|------------------------------|
| Paul H. Brauer, M.D. | Elias H. Gerchick, M.D. |
| Selwyn Brody, M.D. | (o) Ernst Hammerschlag, M.D. |
| Harold R. Fox, M.D. | Martin Stein, M.D. |

(o) Off Service

PSYCHIATRIC SERVICE

(Continued)

Clinical Assistants

Herman S. Alpert, M.D.
 Morris H. Bernstein, M.D.
 Siegfried R. Bethelsdorf, M.D.
 Lili R. Bussel, M.D.
 M. Michael Cohen, M.D.
 Alfred T. Corvin, M.D.
 Samuel L. Feder, M.D.
 Bernard D. Fine, M.D.
 Abraham N. Franzblau, M.D.
 Murry Glusman, M.D.
 Bernard M. Goertzel, M.D.
 Alvin I. Goldfarb, M.D.
 Meyer E. Golob, M.D.
 Leon M. Golub, M.D.
 Leon Gottfried, M.D.
 Irving B. Harrison, M.D.
 Marcel Heimann, M.D.
 Elizabeth Herzog, M.D.
 Elizabeth Huff, M.D.
 Paul E. Kaunitz, M.D.

Abraham S. Lenzner, M.D.
 Francisco F. Merino, M.D.
 Ellis J. Mischel, M.D.
 ** George W. Naumburg, Jr., M.D.
 Jack Nelson, M.D.
 Charles Otchin, M.D.
 Robert T. Porter, M.D.
 Lawrence J. Roose, M.D.
 Samuel Roseman, M.D.
 Joseph E. Rubinstein, M.D.
 Oscar Sachs, M.D.
 Henry Z. Shelton, M.D.
 Jack G. Sheps, M.D.
 Joseph Schein, M.D.
 Claire Selzer, M.D.
 Adele Sicular, M.D.
 Aaron Stein, M.D.
 Samuel F. Tabbat, M.D.
 Sumner E. Trent, M.D.
 Leonard A. Weinroth, M.D.

Emery I. Wells, M.D.

CHILD PSYCHIATRY DIVISION

Associate Psychiatrist

Abram Blau, M.D.

Adjunct Psychiatrists

Wilfred C. Hulse, M.D.
 Joseph M. Krimsley, M.D.

Jack Rapoport, M.D.
 Nathan N. Root, M.D.

Leo A. Spiegel

Clinical Assistants

Cheri Appel, M.D.
 Alonzo J. Beavers, Jr., M.D.
 Charles Beck, M.D.
 Irving J. Crain, M.D.
 Morton S. Eisenberg, M.D.
 Jerome Ennis, M.D.
 Irving Galin, M.D.
 † Richard E. Gordon, M.D.

Esther Haar, M.D.
 Margit Freund-Klemperer, M.D.
 Leo S. Loomie, M.D.
 Joshua M. Perman, M.D.
 David L. Rubinfine, M.D.
 Bertram A. Slaff, M.D.
 Julian L. Stamm, M.D.
 Irving Sternschein, M.D.

† In the Armed Forces

** Liaison Psychiatrist to Neustadter Convalescent Home

SECTION OF PSYCHOLOGY

Clinical Psychologist

Fred Brown, Ph.D.

ADULT PSYCHIATRY DIVISION

Assistant Clinical Psychologists

Herbert V. Fleischer, M.A.

Jack Krasner, M.A.

Elinor C. Gottlieb, M.A.

Abraham N. Levine, M.A.

William B. Haber, M.A.

Israel H. Rosenberg, M.A.

Robert L. Kahn, M.A.

Sidney S. Saltzman, M.A.

(*Neurology*)

Arthur Schwartz, M.A.

Harriet Katz, M.A.

Barbara Waxenberg, M.A.

Sheldon E. Waxenberg, M.A.

CHILD PSYCHIATRY DIVISION

Associate Clinical Psychologist

Rose Davis, M.A.

Assistant Clinical Psychologists

Gertrude Bondel, M.A.

Janet Ginandes, M.A.

Herbert Cohen, M.A.

Carolyn Reif, M.A.

DERMATOLOGICAL SERVICE

Dermatologist

Samuel M. Peck, M.D.

Associate Dermatologists

William Leifer, M.D.

Herbert Rosenfeld, M.D.

Adjunct Dermatologists

Howard T. Behrman, M.D.

Laurence L. Palitz, M.D.

Arthur W. Glick, M.D.

(o) Max Scheer, M.D.

Assistant Dermatologists

(*Out-Patient Department*)

(o) Lewis A. Goldberger, M.D.

Joel Schweig, M.D.

(o) Charles Wolf, M.D.

Senior Clinical Assistants

(*Out-Patient Department*)

(o) Berthold Bachrach, M.D.

Julius Davis, M.D.

(o) Eugene T. Bernstein, M.D.

(o) Kurt Franklin, M.D.

Raphael Breakstone, M.D.

Leo G. Hess, M.D.

(o) Frank E. Cross, M.D.

George Klein, M.D.

(o) *Off Service*

DERMATOLOGICAL SERVICE

(Continued)

Abner Kurtin, M.D.	Sidney B. Rooff, M.D.
Morton Landau, M.D.	(o) Moritz Salomonski-Rosen, M.D.
Frederick B. Laufer, M.D.	(o) Harry Sherwood, M.D.
Ellen Reiner, M.D.	Gustav Weissberg, M.D.

Clinical Assistants

(Out-Patient Department)

Alfred Joseph, M.D.	Oscarre Landi, M.D.
Leonard V. Kornblee, M.D.	Joseph Markel, M.D.

SURGICAL SERVICE

Surgeons

Ralph Colp, M.D.	John H. Garlock, M.D.
Arthur S. W. Touroff, M.D.	

Associate Surgeons

Ernest E. Arnheim, M.D. (for Pediatric Surgery)	Samuel H. Klein, M.D.
Arthur H. Aufses, M.D.	Percy Klingenstein, M.D.
(o) Leon Ginzburg, M.D.	Sylvan D. Manheim, M.D. (for Rectal Diseases)

Adjunct Surgeons

Lester Blum, M.D. (for Peripheral Vascular Diseases)	Gerson J. Lesnick, M.D.
David A. Dreiling, M.D.	Louis J. Lester, M.D.
(s) Leonard J. Druckerman, M.D.	Albert S. Lyons, M.D.
Harry E. Ehrlich, M.D. (for Head and Neck Surgery)	(o) Sigmund Mage, M.D.
(o) Ameil Glass, M.D.	(o) Myron A. Sallick, M.D.
Aaron Himmelstein, M.D.	Gabriel P. Seley, M.D.
Edward E. Jemerin, M.D.	Leon D. Star, M.D.
	Robert Turell, M.D. (for Rectal Diseases)
	Vernon A. Weinstein, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) George F. Dayton, M.D.	Maurice S. Harte, M.D.
Milton E. Eisen, M.D.	(o) Erwin Horner, M.D.
Dorian Eisenklam, M.D.	Harry Kassop, M.D.
Wolf Elkan, M.D.	Heinz Lippmann, M.D.
Lawrence Essenson, M.D.	Daniel Luger, M.D.
Ralph W. Flax, M.D.	Hans L. J. Mannheim, M.D.
Bernard Friedman, M.D.	Samuel J. Megibow, M.D.
Henry Haimovici, M.D.	Maurice Munzer, M.D.

(s) For Special Service

(o) Off Service

SURGICAL SERVICE

(Continued)

- | | |
|----------------------------|----------------------------|
| Hellmuth Oppenheimer, M.D. | (o) Emil Schwarzmann, M.D. |
| (o) Willy Perez, M.D. | Bernard E. Simon, M.D. |
| Henry Peskin, M.D. | Otto Sternberg, M.D. |
| Erich B. Plocki, M.D. | Selig Strax, M.D. |
| Irving Schoenfeld, M.D. | Harry Warner, M.D. |
| George Schreiber, M.D. | Martin B. Welt, M.D. |
| Herman Zazeela, M.D. | |

Clinical Assistants

(Out-Patient Department)

- | | |
|--------------------------|----------------------------|
| Joseph N. Attie, M.D. | Paul A. Kirschner, M.D. |
| Ben F. Bryer, M.D. | William Kropf, M.D. |
| David Elkin, M.D. | Julius J. Leichtling, M.D. |
| Arthur Feitell, M.D. | Robert A. Nabatoff, M.D. |
| Harry Golodner, M.D. | Irving H. Parnes, M.D. |
| Oscar Greene, M.D. | Eli Perchuk, M.D. |
| Henry J. Heimlich, M.D. | Bernard F. Robinson, M.D. |
| Robert A. Herfort, M.D. | Irving J. Thorne, M.D. |
| Julian B. Herrmann, M.D. | David O. Weiner, M.D. |
| Maurice M. Hyman, M.D. | Harvey Wiener, M.D. |
| Herbert M. Jacobs, M.D. | Andre E. Willner, M.D. |
| Herman D. Zeifer, M.D. | |

Research Assistants

- | | |
|-------------------------|--------------------------|
| Ben F. Bryer, M.D. | Robert A. Nabatoff, M.D. |
| Samuel J. Megibow, M.D. | Stephan S. Rosenak, M.D. |

Podiatrists

- | | |
|------------------------|-------------------------|
| Benedict S. Gale, D.P. | William Scharmett, D.P. |
|------------------------|-------------------------|

NEUROSURGICAL SERVICE

Neurosurgeon

Leo M. Davidoff, M.D.

Associate Neurosurgeon

Sidney W. Gross, M.D.

Adjunct Neurosurgeons

- | | |
|-------------------------|--------------------------|
| Joseph A. Epstein, M.D. | Emanuel H. Feiring, M.D. |
| Benno Schlesinger, M.D. | |

Research Assistant

Kenneth M. Gang, M.D.

(o) Off Service

UROLOGICAL SERVICE

Urologist

Gordon D. Oppenheimer, M.D.

Associate Urologist

Moses Swick, M.D.

Adjunct Urologists

Stanley I. Glickman, M.D.	(o) William H. Mencher, M.D.
(o) H. Evans Leiter, M.D.	Lester Narins, M.D.
(o) Lewis T. Mann, M.D.	Joseph M. Silagy, M.D.

Assistant Urologist

(Out-Patient Department)

William L. Ferber, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Ernest Bamberger, M.D.	(o) Max Jacoby, M.D.
(o) Erwin Batzdorf, M.D.	(o) Ernst Kornitzer, M.D.
Louis Bollag, M.D.	(o) Max Levi, M.D.
Kurt Cronheim, M.D.	Adolf Lowenthal, M.D.
Max David, M.D.	(o) Bruno Mark, M.D.
(o) Arthur Israel, M.D.	(o) Rudolf Paschkis, M.D.
Harry D. Italiener, M.D.	Aaron Prigot, M.D.
Edward Jacobs, M.D.	Stephan S. Rosenak, M.D.
(o) Martin J. Rosenberg, M.D.	

Clinical Assistants

(Out-Patient Department)

Hilda M. Fliegel, M.D.	Leonard M. Levin-Epstein, M.D.
John R. Herman, M.D.	Joseph S. Mansker, M.D.
Paul Reiser, M.D.	

GYNECOLOGICAL SERVICE

Gynecologist

Morris A. Goldberger, M.D.

GYNECOLOGICAL SERVICE

(Continued)

Associate Gynecologist

Joseph A. Gaines, M.D.

Adjunct Gynecologists

Arthur M. Davids, M.D.

(o) Nathan Mintz, M.D.

Emanuel Klempner, M.D.

Robert I. Walter, M.D.

Louis S. Lapid, M.D.

(s) Seymour Wimpfheimer, M.D.

Assistant Gynecologists

(Out-Patient Department)

Maurice E. Mintz, M.D.

Frank Spielman, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Ernest G. Abraham, M.D.

Emanuel M. Greenberg, M.D.

Hans Auerbach, M.D.

Stefanie K. Haas, M.D.

Bernard Berglas, M.D.

Bruno Kriss, M.D.

Hilliard Dubrow, M.D.

Maximilian Lewitter, M.D.

William Epstein, M.D.

Charles S. Poole, M.D.

Gertrude Felshin, M.D.

Louis Portnoy, M.D.

Irving C. Fischer, M.D.

Meyer D. Schnall, M.D.

Jack J. Squire, M.D.

Clinical Assistants

(Out-Patient Department)

Irving Abelow, M.D.

Seymour M. Katz, M.D.

Alexei N. Berk, M.D.

Sherwin A. Kaufman, M.D.

Salo M. Boltuch, M.D.

Robert Landesman, M.D.

Sidney Cohn, M.D.

Gisella Perl, M.D.

Sidney Druce, M.D.

Leonard M. Roberts, M.D.

Robert L. Feldman, M.D.

Herbert J. Simon, M.D.

Arnold M. Fenton, M.D.

Myron E. Steinberg, M.D.

Eugene Fischel, M.D.

Daniel Wanderman, M.D.

Irving Greene, M.D.

Irwin Weiner, M.D.

Norman Herzig, M.D.

David Zakin, M.D.

OTOLARYNGOLOGICAL SERVICE

Otolaryngologist

Rudolph Kramer, M.D.

(s) For Special Service

(o) Off Service

OTOLARYNGOLOGICAL SERVICE

(Continued)

Associate Otolaryngologists

Joseph G. Druss, M.D.	Joseph L. Goldman, M.D.
Irving B. Goldman, M.D.	Samuel Rosen, M.D.
(for Rhinoplasty)	Harry Rosenwasser, M.D.
Max L. Som, M.D.	

Adjunct Otolaryngologists

Nathan Adelman, M.D.	Joseph Freeman, M.D.
Leon M. Arnold, M.D.	(o) Louis Kleinfeld, M.D.
Samuel Bloom, M.D.	Eugene R. Snyder, M.D.

Senior Clinical Assistants

(Out-Patient Department)

(o) Adolph A. Apton, M.D.	Simon Malowist, M.D.
Joseph Berberich, M.D.	Fred L. Marx, M.D.
(o) Hans Brinitzer, M.D.	(o) S. Mencher, M.D.
Friedrich S. Brodnitz, M.D.	Richard Pollak, M.D.

Clinical Assistants

(Out-Patient Department)

Jacob S. Aronoff, M.D.	Bruno Griesman, M.D.
Charles H. Rosenberg, M.D.	

OPHTHALMOLOGICAL SERVICE

Ophthalmic Surgeon

Henry Minsky, M.D.

Associate Ophthalmic Surgeons

Joseph Laval, M.D.	David Wexler, M.D.
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Adjunct Ophthalmic Surgeons

Sylvan Bloomfield, M.D.	Jacob Goldsmith, M.D.
(s) Max Chamlin, M.D.	Abraham L. Kornzweig, M.D.
Frederick H. Theodore, M.D.	

(s) Special Service
(o) Off Service

OPHTHALMOLOGICAL SERVICE

(Continued)

Senior Clinical Assistants

(Out-Patient Department)

- | | |
|----------------------------|---------------------------------|
| Morris Feldstein, M.D. | (o) Francis J. Langendorf, M.D. |
| (o) Bertha Gladstern, M.D. | Norbert Lewin, M.D. |
| (o) Isaak Horovitz, M.D. | (o) Max Mannheimer, M.D. |

Clinical Assistants

(Out-Patient Department)

- | | |
|--------------------------|-------------------------|
| Howard J. Agatston, M.D. | Milton Greenberg, M.D. |
| Alan H. Barnert, M.D. | Fred L. Marx, M.D. |
| Gerald M. Branower, M.D. | Julius Schneider, M.D. |
| William I. Glass, M.D. | Edward L. Seretan, M.D. |
| William G. Toll, M.D. | |

Refractionists

(Out-Patient Department)

- | | |
|------------------------|----------------------|
| Bertha Gladstern, M.D. | Max Mannheimer, M.D. |
|------------------------|----------------------|

ORTHOPEDIC SURGERY SERVICE

Orthopedic Surgeon

Robert K. Lippmann, M.D.

Associate Orthopedic Surgeons

- | | |
|---------------------|------------------------|
| Edgar M. Bick, M.D. | Albert J. Schein, M.D. |
|---------------------|------------------------|

Adjunct Orthopedic Surgeons

- | | |
|---------------------------------|--------------------------|
| (o) Alvin M. Arkin, M.D. | Frederick M. Marek, M.D. |
| (o) Benjamin B. Greenberg, M.D. | Robert S. Siffert, M.D. |
| Joel Hartley, M.D. | Edmund Uhry, Jr., M.D. |

Senior Clinical Assistants

(Out-Patient Department)

- | | |
|-------------------|------------------------|
| Helen Schur, M.D. | Herman Sternberg, M.D. |
|-------------------|------------------------|

Clinical Assistant

(Out-Patient Department)

Jacob F. Katz, M.D.

(o) Off Service

ORTHOPEDIC SURGERY SERVICE

(Continued)

Podiatrists

(Out-Patient Department)

Paul W. Haas, D.P.

Max G. Scharmett, D.P.

DEPARTMENT OF ANESTHESIA

Anesthetist

Milton H. Adelman, M.D.

Associate Anesthetist

Sydney S. Lyons, M.D.

Adjunct Anesthetists

Sara Bass, M.D.

Seymour A. Miller, M.D.

Max Bien, M.D.

Arthur I. Rosenthal, M.D.

Medical Anesthetist

Evelyn T. Clerico, M.D.

DEPARTMENT OF DENTAL AND ORAL SURGERY

Dentist

Leo Stern, D.D.S.

Associate Dentists

Ralph H. Brodsky, D.M.D.

(o) Dennis D. Glucksman, D.D.S.

Lester H. Cahn, D.D.S.

J. A. Salzmann, D.D.S.

(for Oral Pathology)

Adjunct Dentists

Leon Eisenbud, D.D.S.

† Raymond L. Kotch, D.D.S.

Marvin G. Freid, D.D.S.

(o) Arthur A. Kulick, D.D.S.

Jack S. Klatell, D.D.S.

Max Michaelson, D.D.S.

Daniel M. Kollen, D.D.S.

Milton Schwartz, D.D.S.

Leo Stern, Jr., D.D.S.

Senior Clinical Assistants

(Out-Patient Department)

Henry I. Cohen, D.D.S.

Simon Lifton, D.D.S.

Herbert L. Goodwin, D.M.D.

Melvin L. Morris, D.D.S.

Samuel S. Gordon, D.D.S.

Sidney Retzker, D.D.S.

Max Greenspan, D.D.S.

Alfred R. Shepard, D.D.S.

Jerome L. Klaif, D.D.S.

Maurice V. Stavin, D.D.S.

Emanuel Knishkowsky, D.D.S.

George Trattner, D.D.S.

Louis Kroll, D.M.D.

Milton Wechsler, D.D.S.

(o) Off Service

† In the Armed Forces

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Continued)

Clinical Assistants

(Out-Patient Department)

Melvin Amler, D.D.S.	Jerome S. Mittelman, D.D.S.
Ernest Baden, D.D.S.	David Mossberg, D.D.S.
† Dennis Berger, D.D.S.	Maurice Oringer, D.D.S.
† A. Lawrence Bram, D.D.S.	Norman R. Parker, D.D.S.
† Jack Brenner, D.D.S.	Richard Pasternak, D.D.S.
Morton R. Brenner, D.D.S.	Solomon Pearlman, D.D.S.
Harold Brooks, D.D.S.	Philip Person, D.D.S.
Michael Cagin, D.D.S.	Ivan B. Prince, D.D.S.
Oscar Check, D.D.S.	† Chester B. Rackson, D.D.S.
Jack Crespi, D.D.S.	Leo H. Roper, D.D.S.
Morris Dicker, D.D.S.	Arnold Rosenberg, D.D.S.
† Menasseh Elson, D.D.S.	Sheldon S. Rothman, D.D.S.
Bernard H. Etkin, D.D.S.	Allan Russell, D.D.S.
Clifford Feinstein, D.D.S.	Richard B. Schron, D.D.S.
Robert L. Fisher, D.D.S.	† Herbert M. Schwartz, D.D.S.
Arthur Hader, D.D.S.	Hirsch Siebsehner, D.D.S.
Henry A. Hirschhorn, D.D.S.	Martin T. Siegel, D.D.S.
Josef Horowitz, D.D.S.	† Harvey L. Small, D.D.S.
† Burton M. Jerome, D.D.S.	Richard Spector, D.D.S.
David H. Katz, D.D.S.	Murray Spielman, D.D.S.
Milton W. Kelmans, D.D.S.	† Joseph R. Stein, D.D.S.
Stanley Kollen, D.D.S.	Peter E. Stern, D.D.S.
Jacob Leiter, D.D.S.	Stanley Stutman, D.D.S.
Martin M. Levine, D.D.S.	J. Robert Theaman, D.D.S.
Bernard Levy, D.D.S.	Stanley L. Wein, D.D.S.
Herman I. Malter, D.D.S.	Morris Yarosh, D.D.S.
Jerome Meadow, D.D.S.	Sylvia E. Zappler, D.D.S.

DEPARTMENT OF PHYSICAL MEDICINE

Physiatrist

William Bierman, M.D.

Assistant Physiatrist

(Out-Patient Department)

Eric Levy, M.D.

Clinical Assistant

(Out-Patient Department)

Morton J. Greene, M.D.

† In the Armed Forces

CARDIOGRAPHIC LABORATORY

Cardiologist

Arthur M. Master, M.D.

Research Associate

Bruno Kisch, M.D.

Research Assistants

Kenneth Chesky, M.D.

Efraim Donoso, M.D.

Leonard E. Field, M.D.

Isaac C. Goldstein, M.D.

Abraham Kagan, M.D.

Leon Pordy, M.D.

Benjamin Richman, M.D.

Sidney Storch, M.D.

THE LABORATORIES

Sergei Feitelberg, M.D.	<i>Physicist</i>
Paul Klemperer, M.D.	<i>Pathologist</i>
Gregory Schwartzman, M.D.	<i>Bacteriologist</i>
Harry H. Sobotka, Ph.D.	<i>Chemist</i>
Louis R. Wasserman, M.D.	<i>Hematologist</i>
Peter Vogel, M.D.	<i>Director of Blood Bank</i>
Sadao Otani, M.D.	<i>Associate Pathologist</i>
S. Stanley Schneierson, M.D.	<i>Associate Bacteriologist</i>
Aaron S. Goldberg, Ph.D.	<i>Associate Chemist</i>
Irwin H. Feigin, M.D.	<i>Associate Pathologist for Neuropathology</i>
Alice I. Bernheim, M.D.	<i>Senior Assistant Pathologist</i>
Cecele Herschberger, B.S.	<i>Senior Assistant Bacteriologist</i>
Robert Loevinger, Ph.D.	<i>Assistant Physicist</i>
James J. Hay	<i>Assistant Physicist</i>
Gerda Gernsheim Mayer, Ph.D.	<i>Assistant Chemist</i>

Special Laboratory Appointments

Charles L. Lieb, M.D.	<i>Consultant in Pharmacology</i>
Ernst P. Pick, M.D.	<i>Associate in Pharmacology</i>
Franklin Hollander, Ph.D.	<i>Associate in Gastric Physiology</i>
Jacob Chanley, Ph.D.	<i>Research Associate in Chemistry</i>
Max Adler, Ph.D.	<i>Research Associate in Gastroenterology</i>
Frederic E. Stynler, Ph.D.	<i>Research Associate in Chemistry</i>

THE LABORATORIES

(Continued)

Fellows

(1951-1952)

Morton S. Bryer, M.D...*Schenley Fellowship in Medicine and Bacteriology*
 Ling-Sun Chu, M.D.....*Stanley D. Kops Memorial Fellowship in Medicine*
 Aaron D. Freedman, M.D.....*Dr. Emanuel Libman Fellowship in Medicine*
 David H. Hausman, M.D.....*Sara Welt Fellowship in Pathology*
 Carol B. Hyman, M.D.....*Sara Welt Fellowship in Pediatrics*
 Marvin F. Levitt, M.D.....*Moritz Rosenthal Fellowship in Medicine*
 Leonard I. Malis, M.D.....*Dr. Isador Abramson Fellowship in Neurology*
 Sanford Pariser, M.D.....*Anna Ruth Lowenberg Fellowship in Hematology*
 Philip Samet, M.D.....*Sara Welt Fellowship in Medicine*
 Blanca Schneid, M.D.....*Sara Welt Fellowship in Pathology*
 Avron Y. Sweet, M.D.....*Sara Welt Fellowship in Pediatrics*
 Irwin Weiner, M.D.....*Dr. Joseph Brettauer Fellowship in Gynecology*
 (Endocrinology)

Research Assistants

Bacteriology

Stanley M. Aronson, M.D.
 Gisella L. Cahnman, Ph.D.
 Alice Fisher, A.B.
 Irving Zimmerman, D.V.M.

Chemistry

Harold Aaron, M.D.
 Herman Baker, B.S.
 Gertrude Felshin, M.D.
 Sam Levin, Ph.D.
 Fritz Lieben, Ph.D.
 Anita V. Luisada Oppen, Ph.D.
 Irving Solomon, M.D.

Gastroenterology

Joseph Bandes, M.D.
 Henry Colchcer, M.D.
 Milton H. Levy, M.D.
 Norman A. Samuels, M.D.

Hematology

† Solomon Estren, M.D.
 Stanley L. Lee, M.D.
 Ira A. Rashkoff, M.D.
 Irene Shapiro, M.D.
 Mary C. Tyson, M.D.

Ophthalmic Pathology

Gerald M. Branower, M.D.

Pathology

Joseph Bellamy, M.D.
 Jacob Churg, M.D.
 Jacob Dyckman, M.D.
 William E. Finkelstein, M.D.
 Gabriel C. Godman, M.D.
 Edith Grishman, M.D.
 Alexander Laufer, M.D.
 Egon Lichtenberger, M.D.
 Arthur W. Ludwig, M.D.
 Irving Ratner, M.D.
 Daniel L. Weiss, M.D.
 Frederick G. Zak, M.D.

Physics

Dorothy W. Leavitt, B.S.
 William M. Nelson, Ph.D.
 Lena Sharney, Ph.D.

† In the Armed Forces

DEPARTMENT OF ROENTGENOLOGY

Radiologist

Bernard S. Wolf, M.D.

Associate Radiologists

Joan J. Lipsay, M.D.

William Merrit, M.D.

Richard H. Marshak, M.D.

Coleman B. Rabin, M.D.

Adjunct Radiologists

Sigmund Brahms, MD.

Charles M. Newman, M.D.

John E. Moseley, M.D.

Milton Robbins, M.D.

Herman C. Zuckerman, M.D.

DEPARTMENT OF RADIOTHERAPY

Radiotherapist

William Harris, M.D.

Associate Radiotherapists

Albert Kean, M.D.

Sidney M. Silverstone, M.D.

Adjunct Radiotherapists

Arnold L. Bachman, M.D.

Charles Botstein, M.D.

Norman Simon, M.D.

Consulting Physicist

Carl B. Braestrup, B.Sc.

DIRECTOR OF CONSULTATION SERVICE

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DISTRICT PHYSICIAN

Abraham Jerskey, M.D.

PHYSICIAN TO EMPLOYEES

Morton H. Edelman, M.D.

THE DEPARTMENT OF GRADUATE MEDICAL INSTRUCTION

(Academic Year 1951-52, Conducted in Affiliation with the Columbia University
Faculty of Medicine)

OFFICERS OF INSTRUCTION

(Unless otherwise designated, all titles are conferred by The Mount Sinai Hospital)

HAROLD A. ABRAMSON, M.D.	Associate Physician for Allergy; Assistant Professor of Physiology in Columbia University
MILTON H. ADELMAN, M.D.	Anesthetist
DAVID ADLERSBERG, M.D.	Adjunct Physician for Metabolic Diseases
HOWARD J. AGATSTON, M.D.	Clinical Assistant, Ophthalmological Division, Out-Patient Department
HERMAN ANFANGER, M.D.	Adjunct Pediatrician
ERNEST E. ARNHEIM, M.D.	Associate Surgeon for Pediatric Surgery
ARTHUR H. AUFSES, M.D.	Associate Surgeon
SAMUEL H. AVERBUCK, M.D.	Adjunct Physician
ALAN H. BARNERT, M.D.	Clinical Assistant, Ophthalmological Division, Out-Patient Department
MURRAY H. BASS, M.D.	Consulting Pediatrician
FRANK A. BASSEN, M.D.	Adjunct Physician for Hematology
HOWARD T. BEHRMAN, M.D.	Adjunct Dermatologist
MORRIS B. BENDER, M.D.	Neurologist
BERNARD BERGLAS, M.D.	Senior Clinical Assistant, Gynecological Division, Out-Patient Department
PHILIP S. BERGMAN, M.D.	Adjunct Neurologist
WILLIAM BIERMAN, M.D.	Physiatrist; Assistant Clinical Professor of Medicine in Columbia University
SYLVAN BLOOMFIELD, M.D.	Adjunct Ophthalmic Surgeon
PERRY BLUMBERG, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac)
SIDNEY BLUMENTHAL, M.D.	Adjunct Pediatrician
ERNST P. BOAS, M.D.	Consulting Physician
JOHN J. BOOKMAN, M.D.	Clinical Assistant, Medical Division, Out-Patient Department (Metabolism); Research Assistant in Medicine
SIGMUND A. BRAHMS, M.D.	Adjunct Radiologist
MAX CHAMLIN, M.D.	Adjunct Ophthalmic Surgeon for Special Service
LOUIS CHARGIN, M.D.	Consulting Dermatologist
RALPH COLP, M.D.	Surgeon; Clinical Professor of Surgery in Columbia University
ALBERT CORNELL, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Gastric)
BURRILL B. CROHN, M.D.	Consulting Gastroenterologist
SIMON DACK, M.D.	Adjunct Physician for Cardiology; Lecturer in Medicine in Columbia University
LEO M. DAVIDOFF, M.D.	Neurosurgeon
ARTHUR M. DAVIDS, M.D.	Adjunct Gynecologist
HENRY DOLGER, M.D.	Adjunct Physician for Metabolic Diseases
DAVID A. DREILING, M.D.	Adjunct Surgeon
LEONARD J. DRUCKERMAN, M.D.	Adjunct Surgeon
JOSEPH G. DRUSS, M.D.	Associate Otolaryngologist
BENJAMIN ELIASOPH, M.D.	Associate Physician for Special Service
MAX ELLENBERG, M.D.	Adjunct Physician

DEPARTMENT OF GRADUATE MEDICAL INSTRUCTION

PAUL FAGIN, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac)
SERGEI FEITELBERG, M.D.	Physicist; Assistant Clinical Professor of Medicine in Columbia University
LEONARD E. FIELD, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac); Research Assistant in Cardiology
ALFRED E. FISCHER, M.D.	Adjunct Pediatrician for Special Service
CHARLES FISHER, M.D.	Adjunct Psychiatrist; Lecturer in Psychiatry in Columbia University
ALFRED L. FLORMAN, M.D.	Adjunct Pediatrician
I. S. FREIMAN, M.D.	Adjunct Neurologist
CHARLES K. FRIEDBERG, M.D.	Associate Physician; Lecturer in Medicine in Columbia University
OSCAR H. FRIEDMAN, M.D.	Adjunct Physician for Thoracic Diseases
J. LESTER GABRILOVE, M.D.	Clinical Assistant, Medical Division, Out-Patient Department (Metabolism); Research Assistant in Medicine
JOSEPH A. GAINES, M.D.	Associate Gynecologist
JOHN H. GARLOCK, M.D.	Surgeon; Clinical Professor of Surgery in Columbia University
ISADORE E. GERBER, M.D.	Adjunct Physician—Off Service; Lecturer in Medicine in Columbia University
GEORGE J. GINANDES, M.D.	Adjunct Pediatrician—Off Service
ARTHUR W. GLICK, M.D.	Adjunct Dermatologist
JOSEPH H. GLOBUS, M.D.	Consulting Neuropathologist; Consulting Neurologist
MORRIS A. GOLDBERGER, M.D.	Gynecologist; Clinical Professor of Gynecology in Columbia University
ALVIN I. GOLDFARB, M.D.	Clinical Assistant, Psychiatric Division, Out-Patient Department
IRVING B. GOLDMAN, M.D.	Associate Otolaryngologist for Rhinoplasty
JACOB GOLDSMITH, M.D.	Adjunct Ophthalmic Surgeon
HAROLD M. GOLDSTEIN, M.D.	Adjunct Pediatrician
ALVIN J. GORDON, M.D.	Research Assistant in Medicine; Clinical Assistant, Pediatric Division, Out-Patient Department
MILTON J. H. GRAND, M.D.	Adjunct Pediatrician
EMIL GRANET, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Gastric)
SIDNEY W. GROSS, M.D.	Associate Neurosurgeon
ALEXANDER B. GUTMAN, M.D.	Physician; Director of Clinical Research; Professor of Medicine in Columbia University
JOSEPH HARKAVY, M.D.	Consulting Allergist
WILLIAM HARRIS, M.D.	Radiotherapist; Clinical Professor of Radiology in Columbia University
AARON HIMMELSTEIN, M.D.	Adjunct Surgeon
WILLIAM M. HITZIG, M.D.	Associate Physician; Assistant Clinical Professor of Medicine in Columbia University
HORACE L. HODES, M.D.	Pediatrician; Clinical Professor of Pediatrics in Columbia University
FRANKLIN HOLLANDER, Ph.D.	Associate in Gastric Physiology; Lecturer in Medicine in Columbia University
HENRY HORN, M.D.	Adjunct Physician
DOROTHEA HORSTMANN	Instructor of Dietetics, School of Nursing
HARRY L. JAFFE, M.D.	Adjunct Physician for Cardiology
HENRY D. JANOWITZ, M.D.	Research Assistant in Gastroenterology
LAWRENCE I. KAPLAN, M.D.	Adjunct Neurologist
SAMUEL KARELITZ, M.D.	Associate Pediatrician; Assistant Clinical Professor of Pediatrics in Columbia University
M. RALPH KAUFMAN, M.D.	Psychiatrist; Clinical Professor of Psychiatry in Columbia University
FREDERICK H. KING, M.D.	Adjunct Physician for Special Service; Lecturer in Medicine in Columbia University

DEPARTMENT OF GRADUATE MEDICAL INSTRUCTION

BRUNO KISCH, M.D.	Research Associate in Cardiology
GEORGE KLEIN, M.D.	Senior Clinical Assistant, Dermatological Division, Out-Patient Department
SAMUEL H. KLEIN, M.D.	Associate Surgeon
PAUL KLEMPERER, M.D.	Pathologist; Professor of Pathology in Columbia University
EMANUEL KLEMPNER, M.D.	Adjunct Gynecologist
PERCY KLINGENSTEIN, M.D.	Associate Surgeon
JEROME L. KOHN, M.D.	Associate Pediatrician
ABRAHAM L. KORNZWEIG, M.D.	Adjunct Ophthalmic Surgeon
HOWARD P. KRIEGER, M.D.	Research Fellow in Neurology
LOUIS S. LAPID, M.D.	Adjunct Gynecologist
JOSEPH LAVAL, M.D.	Associate Ophthalmic Surgeon
WILLIAM LEIFER, M.D.	Associate Dermatologist
MARVIN F. LEVITT, M.D.	Research Assistant in Medicine
ERIC LEVY, M.D.	Assistant Psychiatrist
HYMAN LEVY, M.D.	Adjunct Physician
S. S. LICHTMAN, M.D.	Adjunct Physician—Off Service
MACK LIPKIN, M.D.	Adjunct Physician for Psychosomatic Medicine; Lecturer in Psychiatry in Columbia University
JOAN J. LIPSAY, M.D.	Associate Radiologist
ROBERT LOEVINGER, Ph.D.	Assistant Physicist
ALBERT S. LYONS, M.D.	Adjunct Surgeon
SYDNEY S. LYONS, M.D.	Associate Anesthetist
SYLVAN D. MANHEIM, M.D.	Associate Surgeon for Rectal Diseases
ARTHUR M. MASTER, M.D.	Cardiologist; Associate Physician for Cardiology; Associate Clinical Professor of Medicine in Columbia University
HENRY MINSKY, M.D.	Ophthalmic Surgeon; Associate Clinical Professor in Ophthalmology in Columbia University
NATHAN MINTZ, M.D.	Adjunct Gynecologist—Off Service
RALPH E. MOLOSHOK, M.D.	Adjunct Pediatrician
MORTON NATHANSON, M.D.	Clinical Assistant (Neurology), Out-Patient Department
ROBERT A. NEWBURGER, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department
GORDON D. OPPENHEIMER, M.D.	Urologist
RAYMOND L. OSBORNE, M.D.	Adjunct Neurologist
SADAO OTANI, M.D.	Associate Pathologist; Associate Professor of Pathology in Columbia University
LAWRENCE L. PALITZ, M.D.	Adjunct Dermatologist
SAMUEL M. PECK, M.D.	Dermatologist; Associate Clinical Professor of Dermatology in Columbia University
ABRAHAM PENNER, M.D.	Adjunct Physician—Off Service
ELY PERLMAN, M.D.	Adjunct Physician for Allergy
M. MURRAY PESHKIN, M.D.	Associate Pediatrician for Allergy
ERNST P. PICK, M.D.	Associate in Pharmacology
HERBERT POLLACK, M.D.	Associate Physician for Metabolic Diseases; Lecturer in Medicine in Columbia University
LEON PORDY, M.D.	Clinical Assistant, Medical Division, Out-Patient Department; Research Assistant in Cardiology
COLEMAN B. RABIN, M.D.	Associate Physician for Thoracic Diseases; Associate Radiologist; Assistant Clinical Professor of Medicine in Columbia University
JACK RAPOPORT, M.D.	Adjunct Psychiatrist
ALEXANDER RICHMAN, M.D.	Adjunct Physician for Gastroenterology
LAWRENCE J. ROOSE, M.D.	Clinical Assistant, Psychiatric Division, Out-Patient Department
HERBERT ROSENFELD, M.D.	Associate Dermatologist
HARRY ROSENWASSER, M.D.	Associate Otolaryngologist
MILTON R. SAPIRSTEIN, M.D.	Adjunct Neurologist

BENNO SCHLESINGER, M.D.	Adjunct Neurosurgeon
BLANCA SCHNEID, M.D.	Sara Welt Fellow in Pathology
MARTIN SCHREIBER, M.D.	Adjunct Psychiatrist
BERNARD M. SCHWARTZ, M.D.	Adjunct Physician
THOMAS SEIDEMAN, M.D.	Clinical Assistant, Medical Division, Out-Patient Department (Allergy)
GABRIEL P. SELEY, M.D.	Adjunct Surgeon; Lecturer in Surgery in Columbia University
IRVING J. SELIKOFF, M.D.	Adjunct Physician for Thoracic Diseases
IRENE SHAPIRO, M.D.	Clinical Assistant, Pediatric Division, Out-Patient Department; Research Assistant in Hematology
MORTIMER F. SHAPIRO, M.D.	Adjunct Neurologist
SHEPPARD SIEGAL, M.D.	Adjunct Physician for Allergy
SAMUEL SILBERT, M.D.	Consultant Surgeon for Peripheral Diseases
LOUIS E. SILTZBACH, M.D.	Adjunct Physician
SOLOMON SILVER, M.D.	Associate Physician; Assistant Clinical Professor of Medicine in Columbia University
JONAS H. SIROTA, M.D.	Research Assistant in Medicine
BERNARD SKLAROFKY, B.A.	Research Aid in Allergy Department
ISIDORE SNAPPER, M.D.	Physician; Director of Medical Education; Clinical Professor of Medicine in Columbia University
LOUIS J. SOFFER, M.D.	Associate Physician; Assistant Clinical Professor of Medicine in Columbia University
ARTHUR R. SOHVAL, M.D.	Adjunct Physician for Special Service
EUGENE SOMKIN, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Allergy)
S. ZELIG SORKIN, M.D.	Senior Clinical Assistant, Medical Division, Out-Patient Department (Cardiac)
FRANK SPIELMAN, M.D.	Assistant Gynecologist, Out-Patient Department
CLIFFORD SPINGARN, M.D.	Adjunct Physician
DANIEL STATS, M.D.	Adjunct Physician
ROGER STEINHARDT, M.D.	Clinical Assistant, Medical Division, Out-Patient Department (Gastric)
HANS STRAUSS, M.D.	Associate Neurologist for Electroencephalography; Lecturer in Neurology in Columbia University
MOSES SWICK, M.D.	Associate Urologist
FREDERICK H. THEODORE, M.D.	Adjunct Ophthalmic Surgeon
ANNE TOPPER, M.D.	Adjunct Pediatrician for Metabolic Diseases—Off Service
ARTHUR S. W. TOUROFF, M.D.	Surgeon; Clinical Professor of Surgery in Columbia University
LESTER R. TUCHMAN, M.D.	Associate Physician
PETER VOGEL, M.D.	Associate Physician for Hematology; Director of the Blood Bank
KAUFMAN WALLACH, M.D.	Adjunct Physician—Off Service
ROBERT I. WALTER, M.D.	Adjunct Gynecologist
LOUIS R. WASSERMAN, M.D.	Hematologist; Associate Physician for Hematology
ISRAEL S. WECHSLER, M.D.	Consulting Neurologist; Clinical Professor of Neurology in Columbia University
IRWIN WEINER, M.D.	Dr. Joseph Brettauer Fellow in Gynecology; Clinical Assistant, Gynecological Division, Out-Patient Department
EDWIN A. WEINSTEIN, M.D.	Associate Neurologist
VERNON A. WEINSTEIN, M.D.	Adjunct Surgeon
HARRY I. WEINSTOCK, M.D.	Associate Psychiatrist; Lecturer in Psychiatry in Columbia University
SEYMOUR WIMPFHEIMER, M.D.	Adjunct Gynecologist for Special Service
ASHER WINKELSTEIN, M.D.	Associate Physician for Gastroenterology; Assistant Clinical Professor of Medicine in Columbia University
BERNARD S. WOLF, M.D.	Radiologist; Associate Clinical Professor of Radiology in Columbia University
HARRY YARNIS, M.D.	Adjunct Physician for Gastroenterology and for Gastroscopy
FREDERIC D. ZEMAN, M.D.	Adjunct Physician—Off Service; Lecturer in Medicine in Columbia University

ADMINISTRATORS AND HEADS OF DEPARTMENTS

MARTIN R. STEINBERG, M.D.....	<i>Director</i>
SIDNEY M. SAMIS, M.D.....	<i>Associate Director</i>
HARRY MARKOWITZ, B.S.....	<i>Assistant Director</i> <i>Supervisor of Purchases</i>
WILLIAM L. AGRESS, B.A.....	<i>Assistant Director</i>
JACK RUTHBERG, M.D.....	<i>Assistant Director</i>
ABRAHAM G. WHITE, M.D.....	<i>Assistant to Director of Medical Research</i>
MAX FUCHS, D.D.S.....	<i>Goldwater Fellow in Administration</i>
GRACE A. WARMAN, B.S., M.A., R.N.....	<i>Director, School of Nursing and Nursing Service</i>
FANNY L. MENDELSON, B.S., R.N.....	<i>Director of Social Service</i>
LEONARD J. ZIMMERMANN.....	<i>Controller</i>
JOHN B. CUBBERLEY.....	<i>Supervising Engineer</i>
VICTOR ROGIN, Ph.G... ..	<i>Chief Apothecary</i>
HELEN F. SOMERS, B.S.....	<i>Supervising Dietitian</i>
CATHERINE VANCE, R.N.....	<i>Supervisor, Private Pavilion</i>
EDITH G. RYAN, R.N.....	<i>Supervisor, Semi-Private Pavilion</i>
RUTH M. SPINK, B.S., M.A., R.N.....	<i>Supervisor, Out-Patient Department</i>
W. TERRY OLIVER.....	<i>Supervisor, Personnel Department</i>
ANDREW MEZEI, B.S.....	<i>Supervisor, Laundry</i>
MYRTLE RYDER, B.A., R.N.....	<i>Executive Housekeeper</i>

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Mrs. Albert Samuel
Mrs. Martin Scharman
Mrs. Claire Schlesinger
Miss Sally Ann Schorsch
Mrs. Ira Schur
Mrs. Julius Schwartz
Mrs. Charles Segal
Mrs. J. Seiden
Mrs. Samuel Seligsohn
Miss Thelma Shafran
Mrs. Louis Shapiro
Mrs. Reva Shaw
Mrs. Haim Sheba
Mrs. Arthur Shonbrun
Miss Irene Siegel
Miss Ann Silberberg
Mrs. Morris Singer
Mrs. M. J. Sloss
Mrs. Jack Squire
Mrs. Martha Stark
Mrs. Judith Steiner
Miss Edith Stern
Miss Edith Stern
Mrs. Walter Strassburger
Miss Leslie Tanenbaum
Mrs. Seth Tobias
Mrs. David Waldman
Mrs. Bertram Weil
Miss Carole Wenger
Mrs. Arthur Werner
Mrs. Eli Winkler

NURSES' AIDES

MRS. GEORGE LEE.....*Chairman*

Miss Dorothy Alberghine
Mrs. David Bloch
Miss Gertrude Buchler
Mrs. David Davidson

Mrs. Milton Karon
Mrs. Gerald Lederer
Mrs. Arnold Picker
Mrs. Lee Samuels

Miss Arline Sheridan
Mrs. Arthur Streim
Mrs. Jacob Wiedhopf

LADIES' AUXILIARY

Mrs. Sophie Bearman
Mrs. Solomon Bersoff
Mrs. Charles Borck
Mrs. I. Ciner
Mrs. Adeline Condeau
Miss Emma Fisher
Mrs. Gertrude Karr
Miss Bertha Katz
Miss Gertrude Krauskopf

Mrs. Jennie Levy
Mrs. L. Manson
Miss Rose Neuhof
Mrs. Rose Oustin
Mrs. Rose Pearlstein
Mrs. Abraham Pursch
Mrs. Bettie Ravitch
Mrs. P. Ravitch

Miss Flora Samuels
Miss Stella Samuels
Mrs. Harry Silverman
Miss Hattie Stern
Mrs. Arthur Sundheimer
Mrs. Luba Theodore
Mrs. Anne Weinreb
Mrs. David Weisburger

OFFICERS AND TRUSTEES OF THE HOSPITAL SINCE ITS FOUNDING

PRESIDENTS

*SAMPSON SIMSON	1852-1855	*ISAAC WALLACH	1896-1907
*JOHN I. HART	1855-1856	*ISAAC STERN	1907-1910
*BENJAMIN NATHAN	1856-1870	*GEORGE BLUMENTHAL	1911-1938
*EMANUEL B. HART	1870-1876	*LEO ARNSTEIN	1938-1944
*ADOLPH HALLGARTEN	1876-1879	*WALDEMAR KOPS	1944-1945
*HARRIS ARONSON	1879-1879	GEORGE B. BERNHEIM	1945-1948
*HYMAN BLUM	1879-1896	ALFRED L. ROSE	1948-

PRESIDENT EMERITUS

*GEORGE BLUMENTHAL	1938-1941	GEORGE B. BERNHEIM	1948-
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VICE PRESIDENTS

*JOHN I. HART	1852-1855	*LEO ARNSTEIN	1910-1938
*BENJAMIN NATHAN	1855-1856	*HENRY L. CALMAN	1917-1919
*REV. SAMUEL M. ISAACS	1856-1857	*S. HERBERT WOLFE	1919-1921
*JOHN D. PHILLIPS	1857-1858	*MAURICE FRANKFORT	1921-1928
*N. K. ROSENFELD	1858-1866	ALBERT FORSCH	1924-1937
*EMANUEL B. HART	1866-1870	*DE WITT MILLHAUSER	1928-1936
*SAMUEL A. LEWIS	1870-1874	*WALDEMAR KOPS	1936-1944
*LEWIS FATMAN	1874-1875	LEO GOTTLIEB	1937-1944
*HARRIS ARONSON	1875-1879		1948-
*HYMAN BLUM	1879-1879	GEORGE B. BERNHEIM	1938-1945
*ISAAC WALLACH	1879-1896	JOSEPH KLINGENSTEIN	1944-
*ISAAC STERN	1896-1906	GEORGE LEE	1945-1948
*DAVID WILE	1902-1906	ALFRED L. ROSE	1945-1948
*GEORGE BLUMENTHAL	1907-1910	RICHARD GOLDSMITH	1948-1948
*EMIL S. LEVI	1907-1910	*CHARLES A. RIEGELMAN	1948-1950
*PHILIP J. GOODHART	1910-1917		

SECRETARIES

*BENJAMIN NATHAN	1852-1853	*ALBERT SICHEL	1897-1897
*THEODORE I. SEIXAS	1853-1856	*LOUIS M. JOSEPHthal	1897-1902
*SAMUEL A. LEWIS	1857-1870	*LEO ARNSTEIN	1902-1910
*JOHN M. LAWRENCE	1871-1872	EDGAR A. HELLMAN	1910-1911
*A. S. ROSENBAUM	1872-1875	*S. HERBERT WOLFE	1919-1921
*NATHAN LITTAUER	1875-1877	WALTER E. SACHS	1918-1921
*HARMON H. NATHAN	1877-1879	ALBERT FORSCH	1921-1923
*MOSES G. HANAUER	1879-1882	*DE WITT MILLHAUSER	1924-1928
*L. M. HORNTHAL	1882-1885	ARTHUR H. HARLOW	1928-1938
*DE WITT J. SELIGMAN	1885-1888	PAUL M. ROSENTHAL	1938-1942
*HENRY GOLDMAN	1888-1891	CARL H. PFORZHEIMER, JR.	1942-1943
*LEOPOLD WEIL	1892-1893		1948-
*GEORGE BLUMENTHAL	1893-1894	GEORGE LEE	1943-1945
*MARCUS M. MARKS	1894-1896	RICHARD GOLDSMITH	1945-1948

* Deceased

TREASURERS, ASSOCIATE AND ASSISTANT

*HENRY HENDRICKS	1852-1861
*JOSEPH FATMAN	1861-1869
*LEWIS MAY	1869-1875
*SAMUEL M. SCHAEFER	1875-1891
*ELIAS ASIEL	1892-1915

*SIDNEY S. PRINCE	1915-1925
NELSON I. ASIEL	1926-1942
JOSEPH F. CULLMAN, JR.	1943-
IRA A. SCHUR	1945-

TRUSTEES

*SAMPSON SIMSON	1852-1855
<i>President, 1852-1855</i>	
*JOHN I. HART	1852-1856
<i>Vice-President, 1852-1855; President, 1855-1856.</i>	
*HENRY HENDRICKS	1852-1861
<i>Treasurer, 1852-1861.</i>	
*BENJAMIN NATHAN	1852-1870
<i>Secretary, 1852-1853; Vice-President, 1855-1856; President, 1856-1870.</i>	
*REV. SAMUEL M. ISAACS	1852-1857
<i>Vice-President, 1856-1857.</i>	
*JOHN M. DAVIES	1852-1857
*THEO. I. SEIXAS	1852-1856
<i>Secretary, 1853-1856.</i>	
*ISAAC PHILLIPS	1852-1856
*J. D. PHILLIPS	1852-1858
<i>Vice-President, 1857-1858.</i>	
*JOSEPH FATMAN	1855-1869
<i>Treasurer, 1861-1869.</i>	
*LEWIS MAY	1855-1876
<i>Treasurer, 1869-1875.</i>	
*JOSEPH SELIGMAN	1855-1862
*SAMUEL A. LEWIS	1856-1874
<i>Secretary, 1857-1870; Vice-President, 1870-1874.</i>	
*N K. ROSENFELD	1857-1867
<i>Vice-President, 1858-1866.</i>	
*EMANUEL B. HART	1857-1876
<i>Vice-President, 1866-1870; President, 1870-1876.</i>	
*L. M. MORRISON	1857-1862
*L. HOLLANDER	1857-1858
*WILLIAM HELLER	1857-1861
*H. J. HART	1858-1863
*HARRIS ARONSON	1858-1879
<i>Vice-President, 1875-1879; President, 1879.</i>	
*S. L. COHEN	1861-1869
<i>Re-elected, 1871-1876.</i>	
*ANSEL LEO	1861-1867
*WILLIAM SELIGMAN	1862-1867
*S. J. SPIEGELBERG	1862-1866
*JOHN M. LAWRENCE	1863-1872
<i>Secretary, 1871-1872.</i>	
*HENRY GITTERMAN	1866-1916
*JONAS HELLER	1866-1870
*SOLOMON SOMMERICH	1867-1889
*ISAAC HERRMANN	1867-1869
*J. S. ABECASIS	1869-1872
*LEWIS FATMAN	1869-1878
<i>Vice-President, 1874-1875; Re-elected 1880-1884.</i>	
*A. S. ROSENBAUM	1870-1875
<i>Secretary, 1872-1875.</i>	
*MAX STADLER	1870-1876

*ISAAC S. SOLOMON	1871-1878
*JOS. RECKENDORFER	1871-1872
*ADOLPH HALLGARTEN	1872-1883
<i>President, 1876-1879.</i>	
*J. B. GUTTENBERG	1871-1872
*V. HENRY ROTHSCHILD	1871-1887
*ABRAHAM SIMM	1871-1874
*ISAAC PHILLIPS	1872-1874
*FERDINAND KURZMAN	1872-1878
*A. B. ANSBACHER	1872-1876
<i>Re-elected, 1877-1887.</i>	
*DAVID SALOMON	1872-1876
*M. S. FECHHEIMER	1873-1875
<i>Re-elected, 1883-1888.</i>	
*JULIUS J. LYONS	1874-1875
*SAMUEL ZEIMER	1874-1877
*NATHAN LITTAUER	1875-1879
<i>Secretary, 1875-1877.</i>	
*J. M. STINE	1875-1878
*EDW. OPPENHEIMER	1875-1876
<i>Re-elected, 1892-1894; Re-elected, 1897-1910; Honorary Trustee, 1910-1919.</i>	
*SAMUEL M. SCHAFER	1875-1891
<i>Treasurer, 1875-1891.</i>	
*EDW. EINSTEIN	1875-1880
*LEVI SAMUELS	1875-1878
*HARMON H. NATHAN	1875-1896
<i>Secretary, 1877-1879.</i>	
*HYMAN BLUM	1875-1896
<i>Vice-President, 1879; President, 1879-1896.</i>	
*LOUIS STIX	1875-1901
<i>Honorary Trustee, 1901-1902.</i>	
*ISAAC BLUMENTHAL	1875-1901
<i>Honorary Trustee, 1901-1902.</i>	
*ISAAC WALLACH	1877-1907
<i>Vice-President, 1879-1896; President, 1896-1907.</i>	
*SOLOMON SULZBERGER	1877-1896
*NATHAN BARNETT	1878-1879
*MAYER LEHMAN	1878-1897
*LEONARD LEWISOHN	1879-1880
*JACOB H. SCHIFF	1879-1882
<i>Re-elected, 1883-1885.</i>	
*HENRY ROSENWALD	1879-1885
*LOUIS GANS	1879-1889
*MOSES G. HANAUER	1879-1882
<i>Secretary, 1879-1882.</i>	
*L. M. HORNTAL	1880-1897
<i>Secretary, 1882-1885.</i>	
*MICHAEL DINKELSPIEL	1881-1883
*DEWITT J. SELIGMAN	1881-1888
<i>Secretary, 1885-1888.</i>	

* Deceased

OFFICERS AND TRUSTEES

*SIMON ROTHSCHILD	1884-1905	*HENRY MORGENTHAU	1901-1917
*S. L. FATMAN	1885-1898	<i>Honorary Trustee, 1917-1946.</i>	
*ALBERT HENDRICKS	1885-1886	*JAMES SPEYER	1902-1935
*SOLOMON LOEB	1885-1897	<i>Honorary Trustee, 1935-1941.</i>	
*ELIAS ASIEL	1886-1920	*LEO ARNSTEIN	1902-1944
<i>Treasurer, 1892-1915.</i>		<i>Secretary, 1902-1910; Second Vice-President, 1910-1917; First Vice-President, 1917-1938; President, 1938-1944.</i>	
*WILLIAM VOGEL	1887-1893	*JACOB EMSHEIMER	1902-1928
*ANTHONY WALLACH	1887-1888	*HUGO BLUMENTHAL	1902-1943
*ADOLPH HERRMANN	1887-1901	*CHAS. A. WIMPFHEIMER	1902-1934
<i>Honorary Trustee, 1901-1906.</i>		*M. SAMUEL STERN	1903-1910
*HENRY GOLDMAN	1888-1891	*PAUL M. WARBURG	1904-1914
<i>Secretary, 1888-1891.</i>		*JACOB FRANKENTHAL	1905-1910
*LEON MANDEL	1888-1891	*HENRY L. CALMAN	1906-1930
*ISAAC STERN	1889-1910	<i>Second Vice-President, 1917-1919.</i>	
<i>Vice-President, 1896-1906; President, 1907-1910.</i>		*PHILIP J. GOODHART	1907-1933
*MAX NATHAN	1889-1907	<i>Vice-President, 1910-1917; Honorary Trustee, 1933-1944.</i>	
<i>Honorary Trustee, 1907-1922.</i>		MILTON C. HERRMANN	1907-1909
*DAVID WILE	1889-1906	*SAMUEL E. JACOBS	1907-1918
<i>Second Vice-President, 1902-1906.</i>		<i>Honorary Trustee, 1918-1949.</i>	
*DANIEL GUGGENHEIM	1889-1891	SIEGFRIED H. KAHN	1908-1909
*NEWMAN COWEN	1889-1893	*ABRAM N. STEIN	1909-1912
*LEOPOLD WEIL	1889-1903	EDWARD N. HERZOG	1909-1915
<i>Secretary, 1892-1893.</i>		EDGAR A. HELLMAN	1910-1912
*JOSHUA PIZA	1890-1893	<i>Secretary, 1910-1911.</i>	
*SAMUEL STIEFEL	1892-1894	*PAUL GOTTHEIL	1910-1915
*SIGMUND OPPENHEIMER	1892-1894	*EMANUEL VAN RAALTE	1910-1930
*GEORGE BLUMENTHAL	1892-1941	*WILLIAM I. WALTER	1910-1927
<i>Secretary, 1893-1894; Vice-President, 1907-1910; President, 1911-1938; President Emeritus, 1938-1941.</i>		*ALBERT W. SCHOLLE	1910-1916
*JULIUS EHLMANN	1893-1897	EUGENE MEYER, JR.	1911-1920
*MARCUS M. MARKS	1894-1897	*S. HERBERT WOLFE	1911-1921
<i>Secretary, 1894-1896.</i>		<i>Secretary, 1911-1918; Second Vice-President, 1919-1921.</i>	
*ISAAC N. HEIDELBERG	1894-1896	LOUIS J. HOROWITZ	1912-1919
<i>Re-elected, 1899-1914; Honorary Trustee, 1915-1928.</i>		*NORMAN S. GOLDBERGER	1912-1919
*J. HENRY ROTHSCHILD	1895-1897	BERNARD F. GIMBEL	1912-1920
*HENRY F. VEITH	1895-1897	*DANIEL KOPS	1913-1923
*HERMAN MENDEL	1895-1910	E. J. WILE	1915-1922
<i>Honorary Trustee, 1910-1914.</i>		G. F. SULZBERGER	1915-1917
*ALBERT SICHEL	1896-1897	WALTER E. SACHS	1915-1933
<i>Secretary, 1897.</i>		<i>Secretary, 1918-1921.</i>	
*MORRIS S. BARNET	1897-1917	*SIDNEY S. PRINCE	1915-1929
<i>Honorary Trustee, 1917-1921.</i>		<i>Treasurer, 1915-1925.</i>	
*HENRY R. ICKELHEIMER	1897-1905	*MAURICE FRANKFORT	1916-1928
*LOUIS M. JOSEPHTHAL	1897-1904	<i>Second Vice-President, 1921-1928; Honorary Trustee, 1928-1936.</i>	
<i>Secretary, 1897-1902.</i>		*MYRON S. FALK	1916-1945
*MEYER H. LEHMAN	1897-1916	WALTER W. NAUMBURG	1917
<i>Honorary Trustee, 1916.</i>		<i>In office.</i>	
*KALMAN HAAS	1897-1912	MRS. ARTHUR L. CARNS	1917-1920
<i>Honorary Trustee, 1912-1916.</i>		MRS. ALFRED A. COOK	1917
*JOSEPH F. CULLMAN	1897-1938	<i>In office.</i>	
*JOSEPH FOX	1897-1917	ALBERT FORSCH	1919-1949
<i>Honorary Trustee, 1917.</i>		<i>Secretary, 1921-1923; Third Vice-President, 1924-1928; Second Vice-President, 1928-1937; Honorary Trustee, 1949-. In office.</i>	
*WALTER A. SCHIFFER	1897-1898	*BENJAMIN MORDECAI	1919-1943
*ADOLPH LEWISOHN	1898-1938	HERBERT H. LEHMAN	1919-1920
*EMIL S. LEVI	1899-1912	JACK W. SCHIFFER	1920-1928
<i>Second Vice-President, 1907-1910; Honorary Trustee, 1912-1933.</i>			
*MURRY GUGGENHEIM	1901-1907		
*JEFFERSON SELIGMAN	1901-1909		

* Deceased

BENEDICT ERSTEIN	1920-1931	EDWIN I. MARKS	1936
*CHARLES KLINGENSTEIN	1920-1936	<i>In office.</i>	
MRS. ROGER W. STRAUS	1920	CARL H. PFORZHEIMER, JR.	1936
<i>In office.</i>		<i>Secretary, 1942-1943; 1948. In Office.</i>	
NELSON I. ASIEL	1921	SHELDON R. COONS	1936
<i>Treasurer, 1926-1942; Honorary Trustee,</i>		<i>In office.</i>	
<i>1951-. In office.</i>		EDWARD A. NORMAN	1937
MRS. HERBERT H. LEHMAN	1921	<i>In office.</i>	
<i>In office.</i>		MRS. ARTHUR J. COHEN	1938
*ERNST ROSENFELD	1921-1937	<i>In office.</i>	
ARTHUR H. HARLOW	1922-1942	ROBERT LEHMAN	1938
<i>Secretary, 1928-1938.</i>		<i>In office.</i>	
*MARTIN BECK	1922-1929	JOSEPH F. CULLMAN, JR.	1939
*DAVID A. SCHULTE	1922-1947	<i>Treasurer, 1943. In office.</i>	
*DEWITT MILLHAUSER	1922-1942	JACOB C. STONE	1940-1945
<i>Secretary, 1924-1928; Third Vice-President,</i>		GEORGE LEE	1940
<i>1928-1936.</i>		<i>Secretary, 1943-1945;</i>	
*LESTER HOFHEIMER	1922-1934	<i>Vice-President, 1945-1948. In Office.</i>	
GEORGE B. BERNHEIM	1923	HERMAN F. BAERWALD	1940
<i>Second Vice-President, 1938-1945; President,</i>		<i>In office.</i>	
<i>1945-1948; President Emeritus, 1948.</i>		PHILLIP W. HABERMAN, JR.	1940
<i>In Office.</i>		<i>In office.</i>	
*ALFRED JARETZKI	1923-1925	ALFRED RHEINSTEIN	1941
*WALDEMAR KOPS	1924-1945	<i>In office.</i>	
<i>Third Vice-President, 1936-1937; Second Vice-</i>		JOSEPH KLINGENSTEIN	1941
<i>President, 1937-1938; First Vice-President,</i>		<i>Third Vice-President, 1944-1945; Vice-Presi-</i>	
<i>1938-1944; President, 1944-1945.</i>		<i>dent, 1945. In office.</i>	
*HENRY F. WOLFF	1925-1935	SAMUEL S. SCHNEIERSON	1941
*MRS. ARTHUR LORSCH	1926-1928	<i>In office.</i>	
LOUIS W. ABRONS	1928	RICHARD GOLDSMITH	1942
<i>In office.</i>		<i>Secretary, 1945-1948;</i>	
*EDWIN M. BEROLZHEIMER	1928-1941	<i>Vice-President, 1948-1948. In Office.</i>	
*FRED H. GREENEBAUM	1928-1932	HORACE S. MANGES	1942
LEONARD A. HOCKSTADER	1928	<i>In office.</i>	
<i>In office.</i>		IRA A. SCHUR	1943
*ARTHUR LORSCH	1928-1941	<i>Assistant Treasurer, 1945-1948;</i>	
HENRY MORGENTHAU, JR.	1928-1930	<i>Associate Treasurer, 1948. In Office.</i>	
*ELI WINKLER	1929-1930	ALBERT L. BAUM	1944
DAVID SARNOFF	1929-1936	<i>In office.</i>	
*DR. S. S. GOLDWATER	1929-1933	*CHARLES A. RIEGELMAN	1944-1950
H. WALTER BLUMENTHAL	1930-1947	<i>Vice-President, 1948.</i>	
HAROLD D. WIMPFHEIMER	1930	LOUIS I. DUBLIN	1944-1948
<i>In office.</i>		*MAURICE WERTHEIM	1945-1950
MRS. WALTER A. HIRSCH	1932	ANDRE MEYER	1945
<i>In office.</i>		<i>In office.</i>	
PAUL M. ROSENTHAL	1932-1945	LEWIS S. ROSENSTIEL	1946
<i>Secretary, 1938-1942.</i>		<i>In office.</i>	
WALTER S. MACK, JR.	1933	JAMES FELT	1947
<i>In office.</i>		<i>In office.</i>	
MRS. GEORGE BACKER	1933-1937	*JOSEPH S. RECKFORD	1947-1949
ALFRED L. ROSE	1933	RICHARD DEUTSCH	1947
<i>Vice-President, 1945-1948; President, 1948.</i>		<i>In office.</i>	
<i>In Office.</i>		MAX ABRAMOVITZ	1947
EDWIN C. VOGEL	1935	<i>In office.</i>	
<i>In office.</i>		DAVID M. HEYMAN	1949-
CARL J. AUSTRIAN	1935	<i>In office.</i>	
<i>In office.</i>		FREDERICK D. FORSCH	1950-
LEO GOTTLIEB	1935	<i>In office.</i>	
<i>Third Vice-President, 1937-1944;</i>		HENRY A. LOEB	1950-
<i>Vice-President, 1948. In Office.</i>		<i>In office.</i>	
		WILLIAM E. ARNSTEIN	1950-
		<i>In office.</i>	
		ROBERT BENDHEIM	1950-
		<i>In office.</i>	

* Deceased

SUPERINTENDENTS AND DIRECTORS SINCE 1855

SUPERINTENDENTS — DIRECTORS †

1855-1866	*JULIUS RAYMOND
1867-1875	*G. SCHWARZBAUM
1876-1878	*LEOPOLD B. SIMON
1879-1892	*THEODORE HADEL
1892-1899	*LEOPOLD MINZESHEIMER
1899-1904	*S. L. FATMAN
1903-1928	*S. S. GOLDWATER, M.D.
1928-1948	JOSEPH TURNER, M.D.
1948-	MARTIN R. STEINBERG, M.D.

ASSOCIATE DIRECTORS

1927-1928	JOSEPH TURNER, M.D.
1948-1948	MARTIN R. STEINBERG, M.D.
1950-1951	JULIEN PRIVER, M.D.
1952-	SIDNEY M. SAMIS, M.D.

ASSISTANT SUPERINTENDENTS — ASSISTANT DIRECTORS †

1892-1892	*LEOPOLD MINZESHEIMER
1896-1902	*GUSTAVE ABRAMS
1902-1903	*S. S. GOLDWATER, M.D.
1903-1904	*SOLON J. RIESER
1905-1908	SIDNEY E. GOLDSTEIN
1908-1909	*D. M. BLOOM, M.D.
1910-1915	H. J. MOSS, M.D.
1914-1915	A. J. BELLER, M.D.
1915-1916	*EMANUEL GIDDINGS, M.D.
1916-1919	HERMAN SMITH, M.D.
1918-1919	*SIMON TANNENBAUM, M.D.
1919-1920	LEOPOLD BRAHDY, M.D.
1920-1926	E. M. BLUESTONE, M.D.
1922-1927	JOSEPH TURNER, M.D.
1926-1927	J. J. GOLUB, M.D.
1927-1937	STEPHEN MANHEIMER, M.D.
1927-1934	LOUIS MILLER, JR.
1934-1941	J. A. KATZIVE, M.D.
1935-1939	JANDON SCHWARZ, M.D.
1937-1938	M. A. GREEN, M.D.
1938-1945	MAXWELL S. FRANK, M.D.
1940-1946	MORRIS H. KREEGER, M.D.
1941-1947	DAVID H. ROSS, M.D.
1945-1948	MARTIN R. STEINBERG, M.D.
1946-1950	JULIEN PRIVER, M.D.
1948-1952	SIDNEY M. SAMIS, M.D.
1949-	HARRY MARKOWITZ, B.S.
1950-	WILLIAM L. AGRESS, B.A.
1951-	JACK RUTHBERG, M.D.

* Deceased

† Title changed to Director and Assistant Director in 1917

GRADUATES OF THE HOUSE STAFF

Prior to 1884

*Mark Blumenthal
*F. Tilden Brown
*R. M. Cramer
*R. B. Coleman
*D. H. Davison
*William L. Estes

*Benson M. Feldman
*Albert Fridenberg
*David Froelich
*Alfred Meyer
*J. R. Nilsen
*R. Offenbach

*S. Rapp
*J. M. Rice
*J. Rudisch
*John Van Der Poel
Julius Weiss

House Surgeons

1884 *James L. Shiland
*Walter Hitchcock
1885 *J. Clark Steward
*Herman J. Schiff
1886 *F. C. Husson
*Alfred N. Strouse
1887 *William H. Wilmer
*H. S. Stark
1888 Guy C. Rich
*Howard Lilienthal
1889 *L. J. Ladin
George B. Cowell
1890 Samuel L. Weber
A. D. Mewborn
1891 *Southgate Leigh
*David B. Lovell
1892 *Edw. C. Sternberger
1893 George L. Brodhead
*S. M. Brickner
1894 Martin W. Ware
Thomas T. Tuttle
1895 *Charles A. Elsberg
*Nathan Breiter
*J. Ralston Lattimore
1896 *Albert A. Berg
*William H. Luckett
1897 *Charles Goodman
J. B. Morrison
1898 *Harry Rodman
*Walter M. Brickner
1899 Sidney Ulfelder
*L. W. Allen
1900 *Leo B. Meyer
*Eugene H. Eising
1901 M. Thorner
Truman Abbe
1902 *Edwin Beer
Major G. Seelig
1903 *Meyer M. Stark
*Robert T. Frank
Eli Moschowitz

1904 D. Lee Hischler
Albert G. Swift
Fred H. MacCarthy
*C. F. Jellinghaus
1905 *Sol. Hyman
*Isadore Seff
William J. Haber
Horace Leiter
1906 C. Morris Hathaway
*Milton Bodenheimer
Ernest Sachs
Solomon Wiener
1907 Orville H. Schell
Eben Alexander, Jr.
*Aims R. Chamberlain
Harold Neuhoof
1908 John C. A. Gerster
Abraham Hyman
Isidor C. Rubin
1909 Howard E. Lindeman
Herbert D. Manley
Fred G. Oppenheimer
1910 *Abraham O. Wilensky
*Charles Ryttenberg
Benjamin F. May
George Baehr
*Samuel H. Geist
1911 Louis Greenberg
Philip Liebling
*Irving Simons
Leo Mayer
1912 Herman Jaffe
Sidney Cohn
Isidor Kross
Julius Blum
1913 Abraham J. Beller
*Oscar Baumann
*Jesse D. Schwartz
Ira Cohen
1914 Heyman R. Miller
C. Koenigsberger

*Edward Bleier
Abraham Strauss
1915 Ralph M. Bruckheimer
Sol. Shlimbaum
Paul W. Aschner
Nathan Rosenthal
*John F. Grattan
1916 Joseph A. Landy
Adolf A. Weiss
Waldemar R. Metz
1917 Harry C. Saltzstein
David M. Natanson
*Max D. Mayer
Leo Edelman
1918 *Eugene Klein
Louis Carp
Samuel Kahn
Julius Gottesman
Leopold Brahdy
1919 Herman Sharlit
Lewis T. Mann
Morris A. Goldberger
*Emanuel Salwen
Joseph A. Lazarus
Barney M. Kully
*Henry S. Fischer
*Jerome M. Ziegler
1920 Leo J. Hahn
Rudolph Kramer
*Samuel Hirshfeld
Max Schneider
*Harold L. Meierhof
Nathan Sobel
1921 Laurence Jones
William Harris
Martin A. Furman
L. Mason Lyons
Sylvan D. Manheim
Joseph B. Stenbuck
1922 Joseph M. Marcus
Samuel Silbert

• Deceased

House Surgeons

(Continued)

	Percy Klingenstein	1928	Sidney Grossman		Alan N. Leslie
	Joseph S. Somberg		William H. Mencher		Gabriel P. Seley
	Henry Milch		William Leifer	1937	Leon G. Berman
	Samuel Gaines		Sidney Hirsch		Herman R. Nayer
1923	Benjamin N. Berg	1929	Monroe A. Rosenbloom		Ralph W. Flax
	Julian B. Herrmann		Robert L. Craig		Robert C. Eliot
	Arthur H. Aufses		Lester R. Tuchman		Nathan Mintz
	Louis Kleinfeld		Ameil Glass	1938	Jules L. Whitehill
	Saul S. Samuels	1930	Isidore Schapiro		Vernon A. Weinstein
	Edwin A. Seidman		William L. Ferber		Abner Kurtin
1924	*Seth Selig		*Maurice M. Berck		Sylvan Bloomfield
	David Warshaw		Lyon Steine		Leonard S. Bases
	Seymour Wimpfheimer	1931	Borris A. Kornblith	1939	Leon N. Greene
	Sidney Friedman		Herbert S. Talbot		Nathan Adelman
	Elias L. Stern		Samuel H. Klein		Joseph M. Silagy
	Gordon D. Oppenheimer		*Erwin K. Gutmann		Emanuel Wachtel
1925	Robert K. Lippmann	1932	Joseph A. Gaines		Samuel Diener
	Edward A. Horowitz		William Sheinfeld		Alexander Thomas
	Robert H. Feldman		Perry S. Horenstein	1940	Bernard S. Wolf
	Martin Schreiber		H. Evans Leiter		Elliott S. Hurwitt
	Leon Ginzburg	1933	Abraham J. Gitlitz		Bernard E. Simon
	Irving A. Frisch		Alexander H. Rosenthal		Gerson J. Lesnick
1926	*A. Philip Zemansky, Jr.		Meyer Abrahams		Herbert M. Katzin
	Edward O. Finestone		Sidney Rosenburg		Rudolph E. Drosd
	Mayer E. Ross	1934	Jacob S. Goltman	1941	William I. Glass
	Edward J. Bassen		Leonard J. Druckerman		Leon M. Arnold
	Samuel Mufson		Albert J. Schein		David Miller
	*Clarence K. Weil		Emanuel Klempner		Daniel Luger
1927	Ernest E. Arnheim	1935	Edward E. Jemerin		Norman Rosenberg
	Walter F. Welton		Herman J. Meisel		Ernest L. Sarason
	Hyman Rosenfeld		Irving A. Sarot		Roy N. Barnett
	Arthur S. W. Touroff		Paul A. Kaufman		Alvin I. Goldfarb
	Moses Swick	1936	Sidney M. Silverstone	1942	George J. Sabrin
	Abraham Firestone				Lester Narins
					Norman Simon

House Physicians

1884	Edward Burns	1891	*Fred S. Mandlebaum	1901	*I. W. Becker
	*Charles H. May		*H. P. Palmer		*Herman Schwarz
1885	Arthur B. Coffin	1892	*E. C. Levy	1902	*Edward A. Aronson
	*Josephine Walter		Percy H. Fridenberg		*Milton Gerschel
	*Charles F. Mason	1893	*Harry A. Cone	1903	*Herbert L. Celler
1886	*E. L. H. Swift	1894	*W. Jarvis Barlow		*Alfred Fabian Hess
	*Edward J. Ware	1895	*Sidney Yankauer		David Kramer
1887	*Charles G. Giddings	1896	*Emanuel Libman	1904	Bernard S. Oppenheimer
	*Abraham Korn		William P. Loth		Arthur Bookman
1888	*E. H. Walsh	1897	Herman B. Baruch		*H. F. L. Ziegel
	*H. E. Sanderson		Sidney V. Haas		Louis Bauman
1889	*Simon D. Elsner	1898	Louis Hauswirth	1905	George W. T. Mills
	G. L. Nicholas	1899	*William G. Exton		*Samuel Feldstein
1890	R. H. Cunningham		*A. F. Foord		*Gustav A. Fried
	*Max Jackson	1900	Israel Strauss		*Leo Kessel

* Deceased

House Physicians

(Continued)

1906	Julius J. Hertz *Jesse G. M. Bullowa Julian J. Meyer Max Taschman	1919	Morris Brooks Jerome L. Kohn Asher Winkelstein Edward Hollander Irving R. Roth Abraham Kardiner Kaufman Wallach		Jacob E. Holzman Elmer S. Gais Abraham L. Kornzweig
1907	*Louis Jacobs *Louis G. Kaempfer *Walter J. Highman			1928	*John Cohen Samuel H. Averbuck Joseph Uttal
1908	*Jacob Wisansky Abraham E. Jaffin Albert A. Epstein Max Scheer	1920	Ira M. Olsan Charles Green Leo Loewe *Philip Finkle Edward Lehman Harry D. Pasachoff	1929	Herman Zazeela Alfred Romanoff Solomon Silver Samuel Melamed
1909	Abraham Sophian *Joseph Rosenthal *Maurice T. Munker Murray H. Bass	1921	Morris J. Lavine Saul A. Ritter *Benj. B. Eichner *Philip Astrowe Frederic D. Zeman *Alton M. Amsterdam	1930	William J. Hochbaum Shirley H. Baron Sylvan E. Moolten Arthur Schifrin
1910	Bernard H. Eliasberg Burrill B. Crohn *Milton Hahn Richard H. Hoffmann			1931	*Herbert M. Klein Rose Spiegel Arthur R. Sohval Robert V. Sager
1911	Harry Wessler Nathaniel Barnett *H. W. Emsheimer *Hiram Olsan	1922	Nathan Muskin *Sydney C. Feinberg Samuel Z. Levine David Gaberman David Soletsky Leon Ginzburg	1932	Albert B. Newman William M. Hitzig Herman S. Roth Frederick Bridge
1912	*Salo N. Weber *Morris H. Kahn *Abraham Zingher Meyer Rosensohn	1923	Samuel Rosen Samuel Rosenfeld Arthur M. Master Louis Hodes Philip Cohen William S. Collens	1933	Saul Jarcho J. Edward Stern Hyman Levy Harry L. Jaffe
1913	*Alexander Hofheimer *Jacob Sachs Edward Mahler Daniel Poll			1934	Abraham Penner Frederick H. Theodore D. Alfred Dantes Israel Schiller
1914	Arthur S. Rosenfeld Maurice F. Lautman *John L. Kantor Louis H. Levy	1924	Roland I. Grausman *Alfred M. Goltman Coleman B. Rabin Ephraim Shorr *Robert K. Lambert David Ball	1935	Sheppard Siegal *Benjamin Rubin Milton Mendlowitz Henry Dolger
1915	*A. I. Loewenthal David Beck Louis G. Shapiro Jacob Piller	1925	*Leon Goldsmith Benjamin Eliasoph Richard M. Brickner Harold A. Abramson Alfred E. Fischer Harry I. Weinstock	1936	Morton W. Willis Morris F. Steinberg Samuel Nisnewitz Edward R. Schlesinger
1916	Willard D. Mayer Lester J. Unger Ernst P. Boas Joseph Harkavy			1937	Sidney L. Penner Eugene Somkin Edgar A. Baron Morton Yohalem
1917	*Harry Plotz Charles G. Giddings, Jr. *Louis Berman William Rosensohn	1926	Harry Schwartz J. Lester Kobacker Nathan Cherwin Harry S. Mackler Joseph Laval David Wexler	1938	Max Ellenberg Samuel C. Bukantz S. Zelig Sorkin Robert A. Newburger Ralph E. Moloshok Sydney G. Margolin
1918	Joseph Felsen William Friedman Max Harrison Reuben Steinholz Harold T. Hyman Louis Hausman	1927	A. L. Goldwyn William J. Bearman Ameil Glass Milton J. Matzner	1939	Milton Landowne Irving A. Beck Irving Solomon Herman Anfanger

* Deceased

House Physicians

(Continued)

	Sidney Cohen		Alvin J. Gordon		Bernard M. Schwartz
	Emanuel B. Schoenbach		*Samuel S. Dorrance		Maurice Franks
1940	Daniel Stats	1941	Selvan Davison		Henry D. Janowitz
	Clifford L. Spingarn		George L. Engel		John B. DeHoff
	Arthur W. Seligmann, Jr.		Merrill P. Haas	1942	*Herman L. Jacobius
	Mary C. Tyson		Frank L. Engel		Jonas E. Salk

Rotating Interns

1942	†Samuel L. Feder		†Robert Zimmerman		Naomi deSola Pool
	†Robert M. Heavenrich		†Morton Ziskind		Alan J. Rosenberg
	†Mortimer B. Hermel	1944	Jerome S. Beloff		Edward H. Roston
	†Maurice J. Keller		Robert M. Berne		David L. Rubinfine
	Morley J. Kert		Emanuel S. Cohen		Bert L. Vallee
	Irving G. Kroop		Relvert J. Coe		William I. Weiss
	†Nathaniel B. Kurnick		†Clarence Denton	1946	Stuart S. Asch
	Robert Landesman		Richard B. Drooz		Irving Baras
	†Harvey K. Mechanik		†Murry G. Fischer		Philip S. Bergman
	Edward Meilman		Joseph Freeman		Mortimer J. Blumenthal
	Irving Pavlo		Kenneth M. Gang		William R. Dorrance
	†Jonas Sirota		Gilbert H. Glaser		Mark Eisenbud
	*Stanley J. Snitow		†Avram S. Goldstein		Aaron D. Freedman
	†Stephen B. Yohalem		†Robert J. Grayson		Bennett L. Gemson
1943	†Charles H. Altschuler		Sumner Hagler		Benedict R. Harrow
	Marvin Blum		Stanley R. Lee		Donald S. Kent
	†Morton S. Bryer		Dora S. Levine		Herbert S. King
	Daniel Burdick		(6 months)		Alan L. Klein
	†Chester Cassel		Matthew O. Locks		Victor C. Lazarus
	David A. Dreiling		Robert A. Nabatoff		Howard S. Miller
	†Frederick Epstein		Jack Orloff		Joseph M. Miller
	†Stefan S. Fajans		†Ira Rashkoff		Elijah M. Nadel
	Jacques L. Gabrilove		Eli Robins		Renee B. W. Papper
	Daniel Giddings		Norman Rosenthal		Leo G. Parmer
	Stanley L. Glickman		Seymour E. Rosenthal		George Robinson
	Theodore Gold		Irene Shapiro		Donald J. Rosenthal
	†Harold M. Goldstein		†Edward A. H. Swift		Martin C. Rosenthal
	†Lawrence I. Kaplan		Sidney P. Zimmerman		*Leonard J. Sagal
	Leo D. Kellerman	1945	Bernard Becker		Herbert Sandick
	Paul A. Kirschner		Sidney Berman		Louis E. Schaefer
	Samuel R. Klibanoff		Kurt Elias		Stanley L. Slater
	Hyman J. Levine		Marshall Freedman		Myron E. Steinberg
	†Arthur W. Ludwig		Janet Greenberg		Gene H. Stollerman
	†Sidney R. Michael		Ezra M. Greenspan		Louis B. Turner
	†Mervin G. Olinger		Sidney A. Haber		Robert S. Wallerstein
	†Daniel F. Richfield		David E. Haft		Diana Zingher
	†Bernard Robinson		Sumner Kaufman	1947	Mortimer E. Bader
	†Bernard R. Rowen		Joseph Kolker		Richard A. Bader
	Harvey Sirota		Maxwell H. Kolodny		Martin L. Beller
	†Hilliard Spitz		Marvin F. Levitt		Sanford G. Bluestein
	†Leon Star		Adrian L. Luhby		Stanley R. Drachman
	†Leonard Stone		Leonard L. Madison		Leon Eisenberg
	Abraham L. Umansky		Solomon Papper		Samuel K. Elster
	†Irving Wolfson		Irving H. Parnes		Jeanette Ettinger

* Deceased

† Internship interrupted to answer call to Armed Forces

Rotating Interns

(Continued)

	Saul A. Frankel	Sanford Pariser	Chester J. Semel
	Harold Gabel	Murray B. Pincus	Harry R. Shinefield
	Norman P. Goldstein	Bruce L. Ralston	Harold M. Unger
	Daniel S. Kushner	Ira S. Rubenstein	1950 Albert Altchek
	Joseph Leighton	Philip Samet	Harold Bernhard
	Melville G. Magida	Samuel O. Sapin	Marvin R. Blumenthal
	Howard L. Moscovitz	Robert L. Segal	Gerald Brill
	Arnold B. Scheibel	Peter S. Tolins	Morris Brozovsky
	Edward Schulman	1949 George S. Berg	James L. Eliasoph
	Lawrence I. Schwartz	Alfred J. Bollet	Daniel S. Feldman
	Robert Seely	Ruth E. Cortell	Robert A. Gerber
	Franklin H. Streitfeld	Joseph H. Dashefsky	Samuel Goldfein
	Joseph S. Wallace	Mayer Fisch	Herbert L. Goodman
	Daniel H. Welner	Gladys A. Fish	Archie Handler
1948	Edward Adelson	Edwin L. Garlett	Grace G. Herman
	Richard M. Alexander	Stanley E. Gitlow	Howard Horner
	Stanley B. Braham	Robert A. Green	Donald M. Kanter
	Edward B. Crohn	Melvin M. Grumbach	Jacob Katz
	Arthur W. Epstein	David J. Hamerman	Lewis E. Lipkin
	Arthur E. Falk	Avrum L. Katcher	Dorothy T. Marks
	Stanley K. Gordon	Stanley L. Kogut	Leonard J. Robinson
	Esther Haar	David L. Krohn	Murray Z. Rosenberg
	Harris E. Karowe	Harvey Kugler	Sidney S. Schreiber
	Louis C. Lasagna	Leslie A. Kuhn	Martin H. Sternstein
	Henry H. Ludemann	Sherman Kupfer	Robert M. Sturman
	Donald L. Mahler	Martin Kurtz	Richard H. Thurm
	Esar G. Margolin	Daniel J. Nathan	Alan S. Zisman
	Harold M. Nitowsky	Joseph G. Parker	
	Robert O. Oseasohn	Paul L. Schoenberg	

One-Year Interns and Externs

1898	L. A. S. Bodine	Michael Barsky	Abraham J. Newman
	W. M. Lazard	1909 H. C. Fleming	Saul Levy
1899	E. A. Rosenberg	*E. W. Abramowitz	1912 Carl C. Franken
	E. D. Lederman	William Lapatnikoff	1913 S. Aronowitz
	*A. W. Roff	E. M. Carson	Oscar L. Levin
1900	Edward J. Miller	I. Shapiro	A. Levy
	*Charles E. Rosenwasser	Jacob Roemer	*Marcus A. Rothschild
	J. Howard Staub	1910 Charles Gluck	M. Lobsenz
1901	Leon Bandler	Mark Cohen	H. L. Sherman
	*Eugene P. Bernstein	Jerome Zuckerman	T. Halpern
1902	*S. S. Goldwater	Charles Gottlieb	D. H. Bluestone
1906	Kaufman Schliek	*Hugo Blum	S. Genovese
	*Isadore Goldstein	William Thalhimer	1914 C. G. Ratner
	*William Branower	Clarence Brown	*J. S. Meltzer
	Isadore Kaufman	*Ralph H. Goss	W. Rosen
1907	B. Rein	1911 D. Tannenbaum	*A. Unger
	*Edgar D. Oppenheimer	Arthur J. Bendick	A. Mendelson
	P. Fiaschi	*J. J. Fabian	J. Sinkowitz
	Jerome S. Leopold	Harry G. Goldman	I. Pelzman
1908	*Wm. I. Wallach	Harold A. Cohen	J. Haimann
	M. Reuben	*Samuel Wetchler	1915 D. Kronman
	M. C. Pease, Jr.	*Samuel Silverman	I. W. Jacobs

* Deceased

One-Year Interns and Externs

(Continued)

	A. Brody		Hudythe M. Levin		Bernard Amsterdam
	*J. L. Furst		Moses R. Buchman		Samuel A. Feldman
	M. A. Sager		S. I. Kooperstein		Sidney E. Lenke
	L. L. Roth		Herman Slass		Irving Kowaloff
	*J. A. Rosenberg	1928	Murray A. Last		Alice I. Bernheim
1916	Joseph Reiss		P. Goolker		*Charles J. Sage
	*J. Rosenfeld		William Chester		Carl Zelson
	I. Rosen		J. Fuhrman Heinrich		F. J. de Prume
	M. Varzahbedian		Isabel Globus	1933	Benjamin I. Allen
1917	*H. Martinson		S. P. Carp		Bension Calef
	A. Jerskey		Sidney D. Leader		Simon Dack
	Louis Nahum		Harry Rosenwasser		Edward Greenberger
	J. J. Wiener		Harry Feld		Harold W. Keschner
	B. E. Strode	1929	George Frumkes		Arnold Treitman
	A. Altschul		Michael C. Kemelhor		Fred R. Schechter
	Samuel K. Levy		Louis Schneider		Robert Ullman
	Leon Antell		Saul Miller		I. Oscar Weisman
	W. Sellinger		Bernard S. Brody	1934	Meyer Emanuel
	M. J. Radin		Marcy L. Sussman		Ralph W. Flax
	Max Dobrin		David Beres		Sidney L. Gottlieb
	Jacob Branower	1930	Harold A. Abel		David Littauer
1920	*Harold Rypins		Charles K. Friedberg		M. Edward Hipsh
	D. S. Dann		Harry Keil		Charles W. Rieher
1923	S. S. Lichtman		Clement H. Golden		Louis M. Rosati
	*M. Biederman		Henry A. Baron		Jandon Schwarz
1924	M. L. Guttmacher		Sidney Housman	1935	Albert D. Kistin
	Max Brahdry		Charles Sutro		Vernon A. Weinstein
	Isabel Beck		Herbert Lampert		Morris M. Kessler
	Wm. B. Rose		Nathan H. Sachs		William Finkelstein
	* Jacques M. Lewis	1931	Hyman Lieber		Herman I. Kantor
1925	Julius Kavee		Edward B. Greenspan		Jean Pakter
	Gertrude Felshin		Harry Yarnis		William Epstein
1926	Emanuel W. Benjamin		Henry Peskin		M. Edward Hipsh
	Eli Y. Shorr		Robt. H. Abrahamson		*Samuel B. Weiner
1927	Harry Weiss		Ralph T. Levin	1936	Simon H. Nagler
	Sidney D. Leader		Max L. Som		Samuel M. Bloom
	Paul S. Roland		Bernard Amsterdam		Max Ellenberg
	Walter Bromberg		David R. Levine		Jean Pakter
	Ben Z. Steine	1932			

Interns and Residents in Pathology

1911	Daniel Poll	1922	Sol. S. Lichtman	1929	Reuben Cares
1912	Louis H. Levy	1923	Martin Schreiber		Harry Moss
1913	Paul W. Aschner	1924	Lionel S. Auster	1930	Harold A. Aaron
1914	*Harry Plotz		*Clarence K. Weil		Victor H. Kugel
1915	William Rosenson	1925	Abraham Firestone	1931	Sidney E. Lenke
1916	Julius Gottesman	1926	William Leifer		Jacob S. Goltman
1917	Lewis T. Mann		Alfred Romanoff	1932	Sidney Licht
1918	Martin Vorhaus	1927	Irving Nachamie	1933	Milton Menelowitz
1919	Maurice Rashbaum		S. David Glusker		Irving A. Sarot
1920	Percy Klingenstein	1928	Henry H. Lichtenberg	1934	Leon G. Berman
1921	Saul S. Samuels		Arthur Schiffrin		*Milton Steiner

* Deceased

Interns and Residents in Pathology

(Continued)

1935	Samuel C. Bukantz Nathan Mintz	1944	Bert L. Vallee Adrian L. Luhby		Donald S. Kent (6 months)
1936	Nathan S. Hiatt Joseph M. Silagy	1945	Eugene R. Studenski Luis Gonzales-Cuzan		Franklin H. Streitfeld (6 months)
1937	Alexander Thomas Bernard S. Wolf	1946	Benjamin Shorr W. Harold Civin	1950	Daniel S. Kushner (6 months)
1938	Tibor J. Greenwalt Daniel Luger		Burton Levine		Bao-jen Chern (6 months)
1939	Roy N. Barnett Merrill P. Haas	1947	Edward B. Crohn (10 months)		Albert H. T. Lin (6 months)
1940	Robert Landesman Irving G. Kroop		Robert L. Feldman (6 months)		Alfred A. Pomeranz (6 months)
1941	Daniel Burdick Jacques L. Gabrilove		Robert H. Manheimer Mervin G. Olinger		Daniel L. Weiss (6 months)
	Robert V. Bachman (6 months)	1948	Harold S. Arai (6 months)	1951	Archie Handler Sumner Holtz
	Charles Chesner (6 months)		Boris Gueft Chester Cassel		Daniel S. Kushner (6 months)
1942	Richard H. Marshak (6 months)	1949	Bernard R. Rowen Jacob Dyckman		Edward Schulman (6 months)
	Ingrid Stergus		Norman Alisberg Henry D. Shapiro		Franklin H. Streitfeld (6 months)
1943	Lotte Strauss Frederick G. Zak		Kuang-Chao Wang (6 months)		Hillard W. Himes (6 months)
			Nathan Lane, Jr.		

Interns in Dentistry

1933	Marvin G. Freid Herbert L. Goodwin	1941	Leon Eisenbud Robin M. Rankow		Raymond Kotch
1934	Henry I. Cohen Harry A. Suslow	1942	†Melvin L. Morris Jack S. Klatell	1948	Jerome S. Mittelman Chester R. Rackson
1935	Louis Kroll	1943	Jerome S. Klaif (8 months)	1949	Herbert S. Remnick Irwin S. Robinson
1936	Robert S. Gilbert Manuel Gottlieb		Ira S. Colby Robert Gottsegen		Joseph R. Stein Peter E. Stern
1937	Ben Pine Robert W. Sabin	1944	Leonard H. Hirschfeld Hannon Tuttleman (7 months)	1950	Mortimer Stone Marvin E. Pizer
1938	Robert S. Hess Lee R. Kulick	1946	Frank Blauhut Leo Stern, Jr.		Harvey L. Small Martin S. Weg
1939	Manuel Burness Alfred R. Shepard	1947	Dennis Berger Morris Dicker	1951	Ernest Baden Harold Brooks
1940	Lester H. Sablow Henry Ellison				Stanford Harris David H. Katz

RESIDENT STAFF

Private and Semi-Private Pavilions

Surgery

1905	Albert G. Swift		Harold Neuhoof	1913	J. W. Brennan
1906	*Edwin A. Riesenfeld	1910	Abraham E. Jaffin		J. E. King
1907	*Milton Bodenheimer	1911	J. C. Wooldridge	1914	A. J. Beller
1908	*William Branower		*A. O. Wilensky		H. E. Schorr
1909	Eben Alexander, Jr.	1912	*J. Irving Fort	1915	*Jesse D. Schwartz

* Deceased

† Internship interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

	*Edward Bleier		Meyer Corff	1942	Harry L. Dein
1916	*H. S. Marcle	1933	Joseph Tartakoff		Mark E. Fox
1917	Sol Shlimbaum		Robert Turell		Irving H. Itkin
	J. Ramser Crawford		Perry S. Horenstein		David Miller
	Joseph A. Landy	1934	H. Evans Leiter		William I. Glass
	Adolf A. Weiss		Robt. H. Abrahamson		Maurice S. Harte
1918	David M. Natanson		Arthur J. Harris		Selig Strax
1919	*Max D. Mayer	1935	Meyer Abrahams	1943	Lawrence A. Gardy
	G. D. Von Deylen		Zachary R. Cottler		Norman Rosenberg
	Milton S. Fine		Albert M. Schwartz		George Schreiber
1920	William A. Flick		Jerome Gross		Thomas Wilensky
	Thomas J. Sullivan		Anthony Kohn		†Max Feinberg
	Joseph Lazarus		Leonard J. Druckerman		Wolf Elkan
1921	Arnold Messing	1936	Leo H. Pollock		Herbert Hershey
	Paul S. Lowenstein		Seebert J. Goldowsky		†Harvey P. Kopell
1922	Joseph Heyman		Edward E. Jemerin		(6 months)
	L. W. Pritchett		Irwin P. Train	1944	Aaron J. Gissen
1923	Benjamin Kogut	1937	Ernest D. Bloomenthal		Bernard Gottfried
	Edward Lorentzen		Aaron Prigot		Stanley J. Sarnoff
	Samuel Gaines		Meyer L. Goldman		(6 months)
1924	Seymour F. Wilhelm		Louis Scheman		David Zakin
	Ernst Springer		Leon M. Caplan		(6 months)
	Abram A. Weiss		Sigmund A. Siegel	1945	Masako Akimoto
	A. J. Sparks		Gabriel P. Seley		Robert Lowenberg
	Elias Rubin		Julian A. Jarman		Sayed A. Sabeti
1925	Franklin I. Harris	1938	Philip Cooper		Frank Sainburg
	George S. Lachman		Ralph W. Flax		†Alfred B. Stich
	Elias L. Stern		Lawrence Essenson		(7 months)
	N. H. Blumenkranz		Benjamin Gitlitz	1946	Jane Auer
1926	Norman F. Laskey		H. Earle Tucker		David J. Lehman, Jr.
	Samuel Hochman	1939	Arthur Gladstone		(6 months)
	Edward O. Finestone		Sylvan Bloomfield		Louis J. Lester
1927	Joseph M. Frehling		Vernon A. Weinstein		(6 months)
	M. Lester Lowry		Leon N. Greene		Louise F. Reda
	C. D. Moore		Robert W. Mann		Kurt Roberts
1928	Harold W. Goldberg		Jerome S. Coles		Gilman E. Sanford
	Edward Jacobs		Leon J. Taubenhaus		(6 months)
	Myron A. Sallick	1940	*Nathaniel C.		Norman B. Bloom
	David Sloane		Schlossmann		Jacob B. Burke
1929	Jacob J. Enkelis		Bernard Friedman		Samuel H. Cohn
	Samuel S. Hanflig		Earl M. Edison		Kenneth M. Gang
	Robert I. Hiller		Albert S. Lyons		(6 months)
	Bernard D. Kulick		Marvin P. Rhodes		Oscar Greene
1930	Samuel Imboden	1941	David Brezin		Aaron Grollman
	Samuel P. Suffin		Benjamin Greenspan		George D. Hoffeld
	Eske H. Windsberg		Seelig Freund		Harry A. Lotman
1931	Sidney Rosenberg		Theodore A. Fox		M. Judson Mackby
	Henry A. Baron		Ralph Friedlander		Leon H. Sherman
	Lyon Steine		Leon M. Arnold		Walter J. Spinrad
1932	David A. Susnow		(8 months)		Franklin Robinson
	Joseph Tomarkin		Heinz Lippmann	1947	(6 months)
	*Erwin K. Gutmann				Ben F. Bryer
					Menahem Cooperstein
					Albert E. Cremer

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

	David Elkin (7 months)		Felix Heimberg		Cyril J. Jones
	Alfred I. Frankel		Robert A. Herfort		Walter Leff
	Wallace Green		Ben Rosner		Julian J. Leichtling
	John R. Herman		Henry M. Trask		Charles Polivy
	Felix A. Kantrowitz	1949	Herman D. Zeifer		George Robinson
	Stanley A. Kornblum		Emil L. Barrows		Melvin B. Victor (6 months)
	Stanley L. Lane		Melvin B. Fishman		Milton Virshup
	Harold Lear		Sidney S. Kaufman		Maurice M. Hyman
	Murray N. Levin		Saul B. Meltzer		Jacob Kraft
	Hyman J. Levine		Irving H. Parnes		Samuel G. Reisman
	Jacob B. Mandel		Milton J. Pearl		Cesar Mishaan-Pinto (6 months)
	David Orringer		Leonard J. Roberts	1951	N. R. Amesur
	Benjamin A. Payson (6 months)		Herbert Sandick		Alexander Bellwin (6 months)
	Frank Rathauer		Herman S. Shapiro		Ralph Colp, Jr.
	Joseph H. Sherman (9 months)		Lester Steppacher		James L. Eliasoph
1948	Gilbert S. Goldman		Joseph Brisbane		Benjamin J. Feldman
	Jerome S. Harris		Sidney H. Cohen		Russell Goldbaum
	Henry J. Heimlich		Joseph Dwek		†Norman N. Gray (7 months)
	Leonard Levin-Epstein		Charles E. Friedgood		David Kramish
	Harold A. Masters		Stephen L. Gans		Dorothy T. Marks
	Alexander P. Maybarduk		Sidney B. Gordon		†Chester J. Semel (7 months)
	Abba A. Messe	1950	Herbert M. Jacobs		T. R. Motwani (6 months)
	Paul Metz		Alfred A. Pomeranz		Harold M. Unger
	Irving D. Steinhardt		Richard M. Alexander		Luis A. Vallecillo
	Louis Burke		Necmettin Ayangolu (6 months)		
	Eugene W. Friedman		Alvin A. Bakst		
	Irwin A. Ginsberg		Milton A. Chetlin		
			Courtney Sih-Kang Chou (6 months)		

Medicine

1908	Julius Kaunitz	1925	Samuel Schindelhelm		Martin A. Zions
1909	J. Russell Verbrycke	1927	Abraham M. Schaefer	1941	Charles Ressler
1910	*Jacob Wisansky	1928	Henry Z. Goldstein		Sidney S. Greenberg
1911	*Joseph Rosenthal	1929	Max E. Panitch	1942	George J. Sabrin
1912	Oris S. Warr	1930	Bernard S. Brody	1943	Roy Hyde
1913	A. B. James	1931	Harold A. Abel		Arthur A. Briskier
1914	B. M. Dear	1932	Harry Yarnis	1944	Naomi Kaplan
	*Morris H. Kahn	1933	Frank A. Bassen		William Frank
1915	Edward Mahler	1935	Abraham Penner	1945	Mindel R. Erdberg
1916	Joseph D. Kelley	1936	Samuel Baer	1946	Jacob Stone
1918	Joseph Rosenfeld	1937	David E. Scheinberg		Harold S. Arai
	Joseph Reiss		William Finkelstein		Morton H. Halpern
1919	Hubert Mann		Albert Cornell		Jerome D. Markham
1920	Louis Sacks	1938	Herman G. Helpern		Sidney Storch
1921	Selian Hebal		Philip M. Gottlieb	1947	Hyman Zuckerman
1922	Allan I. Mann	1939	Milton H. Adelman		Marvin C. Becker
1923	*Stanley S. Myers		Morris H. Kreeger		John J. Bookman
1924	Bernard Appel	1940	William Kaufman		Martin C. Rosenthal
					Leonard Stone

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Ward Services

Neurology

1924	William Malamud	1936	Norman A. Levy	Benedict J. Bernstein	
	David Rothschild	1937	Morris M. Kessler	Bernard D. Fine	
1925	M. W. Bergman		L. M. Weinberger	1947	Alvin I. Goldfarb
	David I. Arbuse		Jerome E. Alderman		Jack G. Sheps
1926	Herman G. Selinsky	1938	Mark G. Kanzer		(6 months)
	Sol W. Ginsburg		Edwin A. Weinstein		Mortimer Ostow
1927	*Jacob J. Kasanin	1939	Eugene P. Mindlin		Sidney M. Cohen
1928	Lewis J. Doshay		Hyman E. Yaskin	1948	Joseph A. Epstein
	Walter Bromberg	1940	Bertram Schaffner		Leonard I. Malis
1929	William Berman		Sydney G. Margolin		Morton Marks
	Isabel Globus	1941	Milton Sapirstein	1949	N. Wm. Winkelman, Jr.
	P. Goolker		Aaron Stein		Leroy S. Sugarman
1930	Lewis H. Loeser	1942	Paul G. Myerson		Louis J. Micheels
1931	Paul Sloane		Avraam T. Kazan		Philip S. Bergman
	Bernard S. Brody	1943	†Jack G. Sheps	1950	William H. Bloom
1932	William Schick		(7 months)		Arthur W. Epstein
	Samuel A. Sandler		Sidney Levin		Robert Jaffe
	Louis Levenstim		John L. Simon		Howard P. Krieger
1933	Daniel E. Schneider	1944	Irma H. Gross	1951	Bruce L. Ralston
	Jacob H. Friedman	1945	Richard B. Drooz		Gerald S. Klingon
1934	Abram Blau	1946	Sidney Berman		Peter Laderman
	Morris B. Bender		Kenneth M. Gang		Herman W. Blankenberg
1935	Norman Reider		Stanley Stellar		(6 months)
	Sidney Tarachow				

Otolaryngology

1924	Louis Kleinfeld	1935	Benj. I. Allen		Jacob L. Greif
1925	Samuel Rosen	1937	A. H. Neffson	1945	Relvert J. Coe
1927	Joseph G. Druss	1938	Lester L. Coleman		Joseph Freeman
1928	Irving B. Goldman	1939	Samuel M. Bloom	1946	Charles H. Rosenberg
1929	Ben Z. Steine	1940	Michael S. Zeman		Joseph Kolker
1930	Harry Rosenwasser	1941	Leonard S. Bases	1947	Jacob S. Aronoff
1931	Joseph L. Goldman	1942	Jacob S. Aronoff	1948	Oscar Carp
1932	William J. Hochbaum		Nathan Adelman		Jesse Fuchs
1933	Max L. Som	1944	Leon M. Arnold	1949	Joseph Freeman
1934	Eugene R. Snyder			1950	Charles H. Rosenberg
				1951	James S. Baum

Pediatrics

1924	Philip Cohen		Harry S. Mackler		Carl Zelson
	Alfred Nathans	1929	Moses R. Buchman	1934	Louise Rauh
	(6 months)		Sidney D. Leader	1935	Jacob Brem
1925	E. Gordon Stoloff	1930	David Beres		Samuel Ehre
	Isabel Beck		Peter Vogel	1936	Howard C. Leopold
1926	Samuel Karelitz	1931	Jacob L. Rothstein		Sidney Blumenthal
	Samuel J. Levin		A. E. Cohen	1937	Arthur Lesser
1927	Alfred E. Fischer	1932	George J. Ginandes		*Samuel B. Weiner
	Gustave F. Weinfeld		Albert A. Rosenberg		Jean Pakter
1928	Abbot L. Winograd	1933	Martin L. Stein	1938	Howard G. Rapaport

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

*David B. Davis	1945	Jerome S. Beloff	1949	Bennett L. Gemson
1939 Victor L. Szanton		Sumner Hagler		Janice T. Nightingale
Jacob Danciger		Irene Shapiro		(6 months)
1940 Herschel J. Kaufman	1946	Jorge E. Howard		Richard N. Reuben
Arnold Widerman		Sidney Wachtell	1950	Cecil Abraham
1941 Ralph E. Moloshok	1947	William Obrinsky		(8 months)
Herman Anfanger		Arthur Robinson		Michael L. Gilbert
1942 Philip J. Kresky		Mary E. Hyman		Cho-Yuen Lo
Alfred L. Florman		(6 months)		(6 months)
1943 *Jerome W. Greenbaum		Harold M. Goldstein		Nathan Schifrin
Eleanor Galenson	1948	Maurice J. Keller	1951	Marvin H. Goodwin
1944 Luigi Luzzatti		Robert M. Heavenrich		Carol H. Brach
Gerhard S. Nothmann		Robert D. London		Avron Y. Sweet
				Samuel O. Sabin

Gynecology

1924 Arthur Katzenstein	1934	Sidney N. Mendelsohn	1943	Charles S. Poole
Karl Polifka		U. J. Salmon		Herman I. Kantor
1925 Morris R. Matus	1935	Robert Turell	1944	Richard H. Marshak
Seymour		H. Melvin Radman		Norman M. Weinrod
Wimpfheimer	1936	Emanuel Klempner	1945	Irving Fain
1926 Howard A. Power		Robert I. Walter		Meyer D. Schnall
Edward A. Horowitz	1937	Norman Margolius	1946	David Zakin
1927 Frank Spielman		Herbert F. Newman		John F. MacGuigan
1928 Jacques D. Soifer	1938	Arthur M. Davids	1947	Louis S. Lapid
Alan F. Guttmacher		Phoenix M. Sales		Harvey K. Mechanik
1929 Oscar Glassman	1939	Nathan Mintz		Bernard D. Stollman
1930 Benjamin E. Urdan		Jack Squire	1948	Jacob B. Burke
Maurice Feresten	1940	Norbert B. Reicher		Robert Landesman
1931 Irving Nachamie		Irving L. Frank	1949	Myron E. Steinberg
Mervin A. Henschel	1941	Aaron L. Lichtman		Irwin Weiner
1932 Phineas Bernstein		Louis S. Lapid	1950	Louis Burke
Henry A. Baron	1942	†Harold Bengloff		Robert L. Feldman
1933 Joseph A. Gaines		(6 months)	1951	Arnold N. Fenton
		George C. Escher		Theodore I. Jacobus, Jr.

Ophthalmology

1928 David Wexler	1938	Frank M. Green	1946	Leo D. Kellerman
1929 *Robert K. Lambert	1939	Louis C. Ravin		Milton Greenberg
1930 Murray A. Last	1940	Herman K. Goldberg	1947	Robert Lateiner
1931 Saul Miller	1941	Milton G. Ross		Mortimer Cholst
1932 Herman I. Weiss	1942	Alan H. Barnert		(6 months)
1933 Samuel L. Saltzman		Herbert M. Katzin	1948	William I. Glass
1934 A. L. Kornzweig	1943	Sylvan Bloomfield	1949	Gerald M. Branower
1935 Nathan S. Rubin	1944	Virginia L. Lubkin		Marvin Posner
1936 Frederick H. Theodore			1950	Edward L. Seretan
1937 Jacob Goldsmith	1945	Morris Feldstein	1951	William G. Toll

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Orthopedic Surgery

1938	Samuel R. Rubert	1944	Abraham L. Umansky (6 months)	1949	Robert Siffert
1939	Otto Lehmann				Jacob F. Katz
1940	Alvin M. Arkin	1945	Paul C. Wiesenfeld		Stanley S. Tanz
1941	†Joel Hartley	1946	Ralph L. Citron	1950	Irving V. Glick (6 months)
1942	Henry S. Wieder, Jr.		Philip T. Schlesinger		
1943	Irving V. Glick	1947	Monroe Schneider	1951	Joseph W. Copel
			Julius Schneiderman		†Bertram M. Kummel

Radiology

1921	Sidney H. Levy		Gerald J. Bernath	1944	Laszlo Ehrlich (Roentgenology)
1922	Rubin Lavine	1933	Mitchell Burdick		Sidney Axelrod (Roentgenology)
	Barnett P. Freedman		Gayland L. Hagelshaw		Harry Naidich
1923	Harry S. Olin	1934	Israel Kirsh		
	Harry Gross		Edward D. Sherman	1945	Joan J. Lipsay (Roentgenology)
1924	Irving Schwartz	1936	Irving I. Cowan		Mortimer Lubert (Radiotherapy)
	Max Newer		Joseph Jellen	1946	Abraham Marvisch
1925	Jacob R. Freid		Benjamin Copleman		Sydney B. Lewis
	Nathaniel H. Robin	1937	Max Schenck	1947	Abraham Geffen
	Emanuel J. Wexler		Marston T. Woodruff		Mortimer Hermel
1926	William Snow	1938	Arnold L. Bachman		Norman Simon
	Sol. Taubin		Robert J. Ruby	1948	Sigmund A. Brahms
1927	Albert Kean	1939	Lester Freedman		Emanuel Salzman
	Samuel Poplack	1940	Jack H. Levy	1949	Victor Kremens
	Samuel Sinberg		Nathan Rudner		William A. Henken
1928	Carye-Belle Henle	1941	Harold G. Jacobson		Samuel L. Feder
	Benjamin J. Sax		Abraham Melamed		Leland R. Felton
	Emanuel W. Benjamin	1942	Bernard S. Wolf	1950	Norman E. Berman (Radiotherapy)
1929	Myer E. Golan		Joseph W. Kohn (Roentgenology)		Myron Melamed
	Charles Lipsky		Warren Zager (Radiotherapy)	1951	Harry J. Perlberg, Jr.
1930	Isidore Klein				Yu-Shang Chang
	Saul J. Tamarkin	1943	Richard H. Marshak (Roentgenology)		
1931	Harry Herscher		Theodore Meranze		
1932	Simon Shulman				
	Louis E. Zaretski				

Surgery

1942	Albert S. Lyons		Robert A. Nabatoff		Herman D. Zeifer
	†Bernard E. Simon	1947	Bernard P. Robinson		Julius J. Leichtling (6 months)
1943	Elliott S. Hurwitt		Samuel Diener		Richard Alexander (6 months)
	Daniel Luger		Louis J. Lester		Joseph Brisbane
	Arnold J. Rawson		Leon D. Star	1951	Irving H. Parnes
1944	Daniel Burdick	1948	David Elkin		Alfred Pomeranz
	Paul A. Kirschner		Stanley L. Lane		Dorothy T. Marks (6 months)
	Ernest L. Sarason		Leon D. Star		Joseph N. Attie (6 months)
1945	Stanley L. Glickman	1949	Hyman J. Levine		Melvin B. Victor (6 months)
	Abraham L. Umansky		David Orringer		
1946	David A. Dreiling		Frank Rathauer		
	Selwyn Z. Freed	1950	Milton J. Pearl		
	Aaron J. Gissen		Lester Steppacher		

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Medicine

1942	Bernard M. Schwartz	Ira A. Rashkoff	Stanley R. Drachman
	Emanuel B. Schoenbach	Hilliard Spitz	Kurt Elias
1943	Alvin J. Gordon	Robert M. Berne	Joseph Kolker
	Morley J. Kert	Alfred P. Fishman	Marvin F. Levitt
1944	Jacques L. Gabrilove	Sidney R. Michael	Donald J. Rosenthal
1945	Reuben Merliss	Leonard L. Madison	Abraham Saltzman
	Edwin S. Olsan	Edward H. Roston	Donald S. Kent
1946	Ezra M. Greenspan	Abraham Saltzman	Daniel S. Kushner
	Matthew O. Locks	Gene H. Stollerman	Howard L. Moscovitz
	R. Stanley Bank	Robert S. Wallerstein	Edward Schulman
	Nathaniel B. Kurnick	1949 Stuart S. Asch	Franklin H. Streifeld
	Jonas H. Sirota	Mark Eisenbud	1951 Edward Adelson
1947	Daniel K. Adler	Seymour E. Rosenthal	Mortimer E. Bader
	Morton S. Bryer	Stanley L. Slator	Richard A. Bader
	Mack Fieber	Robert L. Zimmerman	Samuel K. Elster
	Daniel H. Goodman	Sidney P. Zimmerman	Aaron D. Freedman
	Irving G. Kroop	Chester Cassel	Henry H. Ludemann
	William R. Woolner	Donald S. Kent	Esar G. Margolin
	Stephen B. Yohalem	Ira A. Rashkoff	Sanford Pariser
	Henry D. Janowitz	(6 months)	Marcus A. Rothschild
	Samuel R. Klibanoff	Louis B. Turner	Philip Samet
	Karl Paley	Joseph R. Kuh	Robert D. Seely
1948	Frederick M. Epstein	Bernard R. Rowen	Alfred J. Bollet
	Samuel L. Feder	Louis E. Schaefer	Ruth E. Cortell
	Leonard W. Jarcho	1950 Mortimer J. Blumenthal	Robert A. Gerber
	Stanley L. Lee	Edward B. Crohn	Melville G. Magida
	Arthur W. Ludwig	(9 months)	†Joseph G. Parker
		William R. Dorrance	(6 months)

Anesthesiology

1946	Irma Back	1949	Robert A. Berman	1951	Stephanie Shich
1947	Julius Barcham		Abraham Hochberger		Bao Cheng Lee
	Jack E. Clare		Leon G. Kamras		Isidore Zerlin
1948	Bernard R. Margolius	1950	Abraham J. Levine		Elliott Jacobson

Physical Medicine

1947	Leonard J. Yamshon
1948	Bruce B. Grynbaum

Dermatology

1948	Kai Keng Li	1950	Julian J. Goodman
1949	Bronia Finkler	1951	Paula Stern

Psychiatry

1948	Edward D. Joseph	1949	Benedict J. Bernstein	Paul E. Kaunitz
	Oscar Sachs		Geo. W. Naumburg, Jr.	(8 months)
				Hyman Bolocan
				1950 Leonard A. Weinroth
				1951 M. Bernard Hecht

• Deceased

RESIDENT STAFF

(Continued)

Urology

1948	Lester Narins	1950	Harold A. Lear	1951	Joseph J. Kaufman
1949	Joseph H. Sherman	1951	Leonard M. Levin-Epstein		

Neurosurgery

1950	Leonard A. Malis	Ralph J. Greenberg
1951	Paul Teng	Samuel Resnikoff (6 months)

ADMITTING PHYSICIANS

1908-1911	Max Rosenberg	1929	Samuel H. Averbuck
1912-1913	*H. W. Emsheimer	1930	Herman Zazeela
1914-1915	Daniel Poll	1931	Isidore Schapiro
1916	David Beck	1931-1933	Rose Spiegel
1917-1918	Joseph Harkavy	1934	Herman S. Roth
1919	Asher Winkelstein	1935	Hyman Levy
1920-1921	*Philip Finkle	1936	D. Alfred Dantes
1922	Leon Ginzburg	1937	Alan N. Leslie
1923	Arthur M. Master	1938	Herman I. Kantor
1924	Coleman B. Rabin	1939	Jules L. Whitehill
1925-1927	Lewis E. Persoff	1940	Irving Solomon
1928	Sidney Grossman	1941	Gerson J. Lesnick
	Elmer S. Gais	1942	Selvan Davison

HOUSE STAFF

(As of January 1, 1952)

INTERNS

Paul S. Barr, M.D.
Lawrence Berger, M.D.
Saul A. Boruchoff, M.D.
Elaine T. Bossak, M.D.
Anthony Donn, M.D.
Ezekiel Freed, M.D.
Albert L. Freedman, M.D.
Howard Grossman, M.D.
Klaas P. Honig, M.D.
Arthur I. Hutner, M.D.
Solomon Kaplan, M.D.
Jacob Kirschner, M.D.

Burton I. Korelitz, M.D.
Samuel H. Madell, M.D.
Harvey Mendelow, M.D.
Robert I. Newman, M.D.
Joseph K. Perloff, M.D.
John D. Rainer, M.D.
Kenneth Roth, M.D.
Miles J. Schwartz, M.D.
Eric Schweiger, M.D.
Eleanor Z. Wallace, M.D.
Richard R. P. Warner, M.D.
Jay L. Werther, M.D.

Dentistry

Stanley A. Busch, D.D.S.
Abraham N. Cranin, D.D.S.

David Greene, D.D.S.
Walter S. Moch, D.D.S.

RESIDENTS

Medicine

Stanley R. Drachman, M.D.
Samuel K. Elster, M.D.
A. David Etess, M.D.
Edwin L. Garlett, M.D.
Stanley E. Gitlow, M.D.
Israel Glazer, M.D.
David J. Hamerman, M.D.
Hillard W. Himes, M.D.
Donald M. Kanter, M.D.
Stanley S. Kogut, M.D.
Leslie A. Kuhn, M.D.
Sherman Kupfer, M.D.
Martin Kurtz, M.D.
Daniel S. Kushner, M.D.
Dorothy T. Marks, M.D.
Howard L. Moscovitz, M.D.
Sidney S. Schreiber, M.D.
Lawrence I. Schwartz, M.D.
Martin Sternstein, M.D.
Franklin H. Streitfeld, M.D.

Pediatrics

Donald K. Adler, M.D.
Gladys Fish, M.D.
Avrum L. Katcher, M.D.
Harry King, M.D.
Norman B. Schell, M.D.
Shirley M. Stone, M.D.

Dermatology

Salomao S. Amram, M.D.

Surgery

N. R. Amesur, M.D.
Alvin A. Bakst, M.D.
Ralph Colp, Jr., M.D.
David Kramish, M.D.
George Robinson, M.D.
Harold M. Unger, M.D.
Luis A. Vallecillo, M.D.

Neurology

Daniel S. Feldman, M.D.
Howard Z. Joselson, M.D.
Meyer Sutton, M.D.

Neurosurgery

I. Melbourne Greenberg, M.D.
M. Bernard Winkler, M.D.

Psychiatry

Hannah Ekaireb, M.D.
Joseph C. Sabbath, M.D.

Urology

Charles Kessler, M.D.
Murray B. Pincus, M.D.

RESIDENTS

(Continued)

Gynecology

Alexander Bellwin, M.D.
J. Conrad Greenwald, M.D.
Bernard Kredentser, M.D.
David J. Rose, M.D.
Joseph S. Wallace, M.D.

Ophthalmology

Robert S. Coles, M.D.
David L. Krohn, M.D.

Otolaryngology

Michael R. Bosiacki, M.D.
Sidney S. Feuerstein, M.D.

Orthopedic Surgery

Alvin Schwartz, M.D.
Norman J. Silver, M.D.
Roy S. Temeles, M.D.

Anesthesiology

Sidney S. Becker, M.D.
Arthur Biezunski, M.D.
Elliott Jacobson, M.D.
Paul Kushner, M.D.
Amey V. Mills, M.D.
Kailash N. Sharma, M.D.

Laboratories

Lewis Brooks, M.D.
Robert A. Gerber, M.D.
Rene Jahiel, M.D.
Louis E. Lipkin, M.D.
Galli Safran, M.D.
Robert D. Seely, M.D.
Gopal V. Talvalkar, M.D.

Hematology

Lester B. Hollander, M.D.

Radiology

Sanford G. Bluestein, M.D.
Joan Eliasoph, M.D.
Herbert Fisher, M.D.
Stuart I. Gurman, M.D.
Harry Kaplan, M.D.
Mansho T. Khilnani, M.D.
Howard S. Miller, M.D.

Private and Semi-Private Pavilions

Surgery

Aditya N. Barman, M.D.
Stanley S. Brodoff, M.D.
Ching-Hsien Chang, M.D.
Jean-Claude Caron, M.D.
Udayanath Dash, M.D.
Bruce Friedman, M.D.

Alvin Kahn, M.D.
H. J. W. Marcella, M.D.
Robert Paradny, M.D.
A. O. Schilp, M.D.
Gopal C. Sharma, M.D.
Egardo V. Zavala, M.D.

Extracts from the Constitution on Establishment of Life, Memorial and Perpetual Beds and Other Funds

- A contribution of \$2,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Life Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge.
- A contribution of \$3,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Memorial Bed. Such a contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by the said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$5,000 to the general funds of the corporation; if accepted by the Board of Trustees, shall establish a Perpetual Bed in the Children's Pavilion. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Children's Pavilion, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$7,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall establish a Perpetual Bed, but where, under the provision of any will executed prior to March 20, 1921, the sum of \$5,000 or more is bequeathed to the corporation in payment of any Perpetual Bed, the Board of Trustees may, at their option, accept such sum in payment of such Perpetual Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in a ward of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- Tablets to commemorate the establishment of Life, Memorial, and Perpetual Beds shall be placed in a ward or in such other place as may be set aside for the purpose. Tablets for Life Beds shall be maintained during the life of the donor. Tablets for Memorial Beds shall be maintained for a period not beyond fifty years from the date of their establishment, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. Tablets for Perpetual Beds shall be maintained in perpetuity.
- A donor may change a Life Bed established by him or her to a Memorial Bed by making an additional contribution of \$1,000, or to a Perpetual Bed by making an additional contribution of \$5,000, or may change a Memorial Bed to a Perpetual Bed by making an additional contribution of \$4,000.
- No patient shall be admitted to the privileges pertaining to a Life, Memorial, or Perpetual Bed unless he shall comply with the current rules of the corporation and be a proper subject for treatment under its regulations.
- An endowment for the establishment of any special fund may be accepted by a resolution of the Board of Trustees. Such fund may be created for special or general purposes under the name of one or more persons or otherwise. If created for a special purpose the fund shall be used only for that purpose. Additions to any fund may be made at any time and in any amount, but no fund shall be created with an initial endowment of less than \$10,000.
- Gifts of any sums whatsoever may be made to one or more special funds for non-budgetary purposes, the principal and income of which may be appropriated by the Board of Trustees as the needs may arise for purposes not covered by the regular budget of the corporation.

of Trustees may, in its discretion, accept the same in accordance with the provisions of such bequest. In the case of a bequest which does not in all respects conform to the conditions herein set forth, the Board



